

FIDOQUEL-CA1- phenobarbital tablet
Genus Lifesciences

FIDOQUEL™ -CA1
(phenobarbital tablets)

Antiepileptic for use in dogs only.

Conditionally approved by FDA pending a full demonstration of effectiveness under application number 141-578.

It is a violation of Federal law to use this product in a manner other than directed on the labeling.

CAUTION: Federal law restricts this drug to use by or on the order of a licensed veterinarian. Use only as directed.

DESCRIPTION:

FIDOQUEL™ -CA1 is an unflavored, bisected tablet that contains phenobarbital. Phenobarbital is white, odorless, small crystals or white crystalline powder with a bitter taste. The molar mass of phenobarbital is 232.235 g/mol, with solubility in water, alcohol, ether, and in fixed alkali hydroxides and carbonates.

INDICATION:

FIDOQUEL™ -CA1 (phenobarbital tablets) are indicated for the control of seizures associated with idiopathic epilepsy in dogs.

DOSAGE AND ADMINISTRATION: FIDOQUEL™ -CA1 is given orally twice a day at the minimum dosage of 2.5 mg/kg and may be titrated to effect to a maximum dosage of 5 mg/kg. The dosage of FIDOQUEL™ -CA1 should be adjusted based on monitoring the clinical response of the individual patient. FIDOQUEL™ -CA1 should be dosed with food.

All split tablets should be used within 90 days.

CONTRAINDICATIONS:

FIDOQUEL™ -CA1 should not be used in animals with a history of hypersensitivity to phenobarbital.

WARNINGS:

Human Safety Warnings

Not for use in humans. Keep this and all medications out of reach of children. **Because phenobarbital may cause developmental effects, women who are pregnant or may become pregnant should handle and administer FIDOQUEL™ -CA1 with caution.**

Human User Safety While Handling FIDOQUEL™ - CA1

Mucous Membrane Contact, Eye Contact, or Accidental Ingestion:

In case of accidental ingestion, skin reaction, or eye exposure, contact a physician immediately.

If accidental eye contact or mucous membrane exposure occurs, rinse the exposed area thoroughly.

Skin Contact:

Users should wash skin exposed to the drug, including washing their hands thoroughly after contacting the drug.

Drug Abuse, Addiction, and Diversion

Controlled Substance:

FIDOQUEL™-CA1 contains phenobarbital, a Schedule IV controlled substance.

Abuse: Phenobarbital is a barbiturate and a central nervous system (CNS) depressant with a potential for misuse, abuse, and addiction. Abuse is defined as the intentional, non-therapeutic use of a drug, even once, to achieve a desired psychological or physiological effect. Misuse is the intentional use, for therapeutic purposes, of a drug by an individual in a way other than prescribed by a health care provider. Drug addiction is a cluster of behavioral, cognitive, and physiological phenomena that may include a strong desire to take the drug, difficulties in controlling drug use (e.g., continuing drug use despite harmful consequences, giving a higher priority to drug use than other activities and obligations), and possible tolerance or physical dependence.

Abuse and misuse of barbiturates often (but not always) involve the use of doses exceeding the doses used in clinical practice and commonly involve concomitant use of other medications, alcohol, and/or illicit substances, which is associated with an increased frequency of serious adverse outcomes, including respiratory depression, overdose, or death. Barbiturates, including phenobarbital, are often sought by individuals who abuse drugs and other substances, and by individuals with addictive disorders.

Symptoms of acute intoxication with barbiturates include unsteady gait, slurred speech, and sustained nystagmus. Mental signs of chronic intoxication include confusion, poor judgment, irritability, insomnia, and somatic complaints. The use of phenobarbital alone can result in death; however, death is more often associated with phenobarbital use in the context of polysubstance use (especially with other CNS depressants, such as opioids and alcohol).

Phenobarbital may produce physical dependence. Physical dependence is a state that develops as a result of physiological adaptation in response to repeated drug use, manifested by withdrawal signs and symptoms after abrupt discontinuation or a significant dose reduction of a drug. Abrupt discontinuation or rapid dosage reduction of phenobarbital may precipitate acute withdrawal reactions, including seizures, which can be life-threatening.

Tolerance may occur with continued use. As tolerance to barbiturates develops, the amount needed to maintain the same level of intoxication increases; tolerance to a fatal dosage, however, does not increase more than twofold. As this occurs, the margin between intoxicating dosage and fatal dosage becomes smaller.

Consider the potential risks of misuse or abuse before prescribing this product. Signs of phenobarbital misuse or abuse include drug seeking behavior.

Diversion: FIDOQUEL™-CA1 is a Schedule IV antiepileptic and should be handled appropriately to minimize the risk of diversion, including restriction of access, the use of accounting procedures, and proper disposal methods. Store in a locked cabinet according to federal and state controlled substance requirements and guidelines. Any unused or expired bottles must be destroyed by a reverse distributor. For further information, contact your local DEA field office or call Genus Lifesciences Inc. at 1-833-599-7582.

Note to physician: FIDOQUEL™-CA1 contains phenobarbital.

Users can call Genus Lifesciences Inc. at 1-833-599-7582 at any time for product safety support. To obtain a Safety Data Sheet(s), contact Genus Lifesciences Inc. at 1-833-599-7582 or at <https://www.genuslifesciences.com>.

Animal Safety Warnings

Not for use in cats.

Do not use in pregnant or lactating dogs. Based on data from laboratory animals, administration of FIDOQUEL™-CA1 to pregnant dogs may produce congenital malformations in the developing fetus. Phenobarbital may be present and accumulate in the milk of lactating dogs.

Keep FIDOQUEL™-CA1 in a secure location out of the reach of dogs, cats, or other animals to prevent accidental ingestion or overdose.

PRECAUTIONS:

FIDOQUEL™-CA1 is for use in dogs 6 months of age and older.

The safe use of FIDOQUEL™-CA1 in neonates and young dogs has not been established.

Careful monitoring of therapeutic, biochemical, and hematology parameters is important in dogs receiving FIDOQUEL™-CA1. Dogs receiving FIDOQUEL™-CA1 should also be carefully monitored when administering concurrent medications.

Dogs with decreased liver function may be predisposed to phenobarbital toxicosis.

Some dogs may experience epileptic episodes that are refractory or unresponsive to FIDOQUEL™-CA1 monotherapy.

Dogs should be monitored for adverse events when adjusting the dose to determine the optimal dose for each patient.

The safe use of FIDOQUEL™-CA1 has not been evaluated in dogs that are intended for breeding, or that are pregnant or lactating.

ADVERSE REACTIONS:

Based on a comprehensive review of publications evaluating phenobarbital, the following adverse reactions are associated with administration of phenobarbital:

General: ataxia, lethargy, increased water consumption, increased appetite, increased urination, hyperactivity, vomiting, diarrhea, and weight gain.

Hematologic: increased serum alkaline phosphatase (ALP), increased serum alanine transferase (ALT), increased serum gamma-glutamyl transferase (GGT), decreased serum total and free thyroxine (T4) concentrations, immune-mediated anemia, neutropenia, and thrombocytopenia. Rarely, idiosyncratic hepatotoxicity may also occur.

A retrospective study of data on 1083 cases from a poison control center included 268 dogs that ingested phenobarbital alone at a dose of ≤ 5 mg/kg. Among the 22 dogs with at least one adverse reaction, the following were the most common adverse reactions observed: drowsiness/lethargy, ataxia, agitated/irritable, vocalization, unable to rise, and vomiting. Each of these adverse reactions were reported in 2 or more dogs.

CONTACT INFORMATION:

For a copy of the Safety Data Sheet (SDS) or to report suspected adverse drug experiences, contact Genus Lifesciences Inc. at 1-833-599-7582. For additional adverse drug experience reporting for animal drugs, contact FDA at 1-888-FDA-VETS or <http://www.fda.gov/reportanimalae>.

CLINICAL PHARMACOLOGY:

Mechanism of Action: Phenobarbital is a barbiturate thought to exert its antiepileptic activity by enhancing the action of gamma-aminobutyric acid (GABA) through binding to a site on the GABAA receptor/chloride channel. Barbiturates are also thought to decrease the influx of calcium into nerve cells and thereby decrease release of neurotransmitters.

Pharmacokinetics: The pharmacokinetics of phenobarbital in dogs have been described in published literature. Phenobarbital is considered a lipid-soluble drug exhibiting fast first-order absorption, high systemic availability, wide distribution, extensive hepatic metabolism, and slow and variable elimination from the body. Mean terminal elimination half-lives have been reported to range between 30 and 90 hours after oral administration.

Half-lives tend to decrease after weeks of continuous administration. Steady state concentrations are often achieved after 2 or more weeks of daily or twice daily dosing.

Phenobarbital has been reported to undergo self-induction of microsomal metabolism after weeks or months of daily administration, often requiring adjusting the dose after a certain period of time.

REASONABLE EXPECTATION OF EFFECTIVENESS:

A reasonable expectation of effectiveness may be demonstrated based on evidence such as, but not limited to, pilot data in the target species or studies from published literature.

FIDOQUEL™ -CA1 (phenobarbital tablets) is conditionally approved pending a full demonstration of effectiveness.

Additional information for Conditional Approvals can be found at www.fda.gov/animalca

A reasonable expectation of effectiveness for FIDOQUEL™-CA1 for the control of seizures associated with idiopathic epilepsy in dogs is supported by eight publications in the scientific literature: two clinical consensus statements, and four prospective and two retrospective published studies.

The American College of Veterinary Medicine (ACVIM) 2016 clinical consensus statement on seizure management in dogs states that phenobarbital as monotherapy is likely to be effective based on evaluation of masked, randomized clinical trials. The ACVIM consensus statement reviewed 8 studies for a total of 311 dogs where seizure reduction was evaluated following phenobarbital monotherapy. Over the 8 studies, 82% of the dogs (258/311 dogs) had >50% seizure reduction, including 31% (93/311) that were seizure-free, and 15% (48/311) did not improve. The consensus statement recommends that phenobarbital should be orally administered at a starting dose of 2.5 mg/kg twice daily with adjustments based on each dog's clinical response and tolerance to the drug. The article stated that the most effective and safe therapeutic range is 15-35 µg/mL (serum concentration), although effectiveness can be seen at lower concentrations.

The International Veterinary Epilepsy Task Force (IVETF) consensus statement for the medical treatment of canine epilepsy in Europe states that phenobarbital has a favorable pharmacokinetic profile, is relatively safe, and, when serum phenobarbital concentration is maintained within the therapeutic range of 25-35 µg/mL, is 60-93% effective in decreasing seizure frequency in dogs with idiopathic epilepsy. The IVETF recommended an oral starting dose of 2.5-3 mg/kg twice daily, tailoring the dose to the individual dog based on seizure control, adverse effects, and serum concentration monitoring.

Four prospective studies support the reasonable expectation of effectiveness of FIDOQUEL™-CA1 for the control of seizures associated with idiopathic epilepsy in dogs. In one prospective study 15 dogs were treated with phenobarbital for at least 6 months. Twelve dogs (80%) showed ≥50% reduction in seizures, including 6 dogs (40%) who had no seizures during the study. In a second study, 17 of 20 dogs treated with phenobarbital had no seizures during the study (85%), and 18 showed a decrease in seizure duration (88%). In a third study, 88 dogs were treated with phenobarbital for at least 6 months, resulting in ≥50% reduction in seizure frequency in 73 dogs (83%), including 51 dogs (58%) who had no seizures during the study. In a fourth study, 5 out of 6 dogs treated with phenobarbital (83.3%) showed >50% reduction in seizures.

The results of two retrospective studies also support the reasonable expectation of effectiveness of FIDOQUEL™-CA1 for the control of seizures associated with idiopathic epilepsy in dogs. In one study, 11 out of 37 (30%) phenobarbital-treated Labrador retrievers had no seizures during the study, and an additional 16 out of 37 (43%) dogs showed decreased seizure frequency, severity, and/or duration. In another study, 28 of 44 (64%) phenobarbital-treated dogs had a ≥50% reduction in seizure frequency including 9 dogs (20%) who had no seizures during the study.

TARGET ANIMAL SAFETY:

A weight of evidence approach was used to determine the safety of FIDOQUEL™-CA1. The evidence included a 1, 3, 5× margin of safety study, an analysis of reports of phenobarbital exposure reported to an animal poison control center, and a critical review

of publicly available literature regarding the use of phenobarbital in dogs. Safety was bridged between FIDOQUEL™-CA1 and commercially available oral formulations of phenobarbital based upon published literature and formulation comparisons of qualitative, quantitative and dissolution data.

In the margin of safety study, FIDOQUEL™-CA1 was administered orally to dogs 1-2 years of age at 1, 3, and 5 times the maximum dose of 5 mg/kg every 12 hours. Beginning on the second day of dosing, 2 out of 8 dogs in the 3× group (15 mg/kg) and 7 out of 8 dogs in the 5× group (25 mg/kg) exhibited serious signs of toxicity, including significant sedation and ataxia. Due to the severity of the reactions, these seriously affected dogs were euthanized. The remaining dogs in the 3× and 5× groups had their doses reduced to 5 mg/kg. Due to the toxicity seen in the 3× and 5× groups the study was terminated early at 2 weeks.

In the retrospective study using an animal poison control center database, there were 1083 reports of dogs that ingested phenobarbital alone. Serious adverse events were reported in 50 of 1083 dogs (4.6%), and 43 of these 50 dogs received doses >25 mg/kg (>5× the highest recommended dose). The lowest dose associated with a serious adverse event was 14.29 mg/kg which represents a dose level of 2.86× the highest recommended dose. Serious adverse events included respiratory arrest, cardiac arrest, euthanasia, coma (unresponsive), and death.

In the systematic review of 30 scientific publications, administration of phenobarbital to dogs alone or in combination with other antiepileptic drugs resulted in adverse events including lethargy/sedation, ataxia, polyuria, polydipsia, polyphagia, weight gain, skin lesions (pruritus, alopecia, papules, pustules, erythema, and epidermal necrosis), changes in hematology parameters (neutropenia, anemia, thrombocytopenia), thyroid hormone changes (decreased thyroid hormone, increased TSH), and elevated liver enzymes including alanine aminotransferase (ALT), alkaline phosphatase (ALP), gamma glutamyl transferase (GGT), and glutamate dehydrogenase (GLDH). The liver enzyme elevations were generally attributed to enzyme induction rather than hepatotoxicity.

Phenobarbital-induced hematological abnormalities appear to be unrelated to dose. Lymphadenopathy, tremors, hypoadrenocortical crisis, and pancreatitis were also reported. Adverse effects were generally seen either soon after the start of treatment or when serum levels of phenobarbital were high (>35 mcg/ml). Some adverse events appeared to resolve or improve with time or when there is a reduction in the phenobarbital dose. Hepatotoxicity appeared to be associated with higher dosages and chronic phenobarbital use.

HOW SUPPLIED:

FIDOQUEL™-CA1 CIV tablets are unflavored, bisected tablets containing 15, 16.2, 30, 32.4, 60, 64.8, 97.2 and 100 mg phenobarbital per tablets. FIDOQUEL™-CA1 is packaged in bottles of 30, 100 or 1000 tablets.

STORAGE CONDITIONS:

Store at 25°C (77°F) with excursions permitted between 15 to 30°C (59 to 86°F).

Manufactured by:
Genus Lifesciences Inc.
Allentown, PA 18102

FIDOQUEL™ is a trademark of Genus Lifesciences Inc.

©2023 Genus. All rights reserved.

Rev. 01/25

PRINCIPAL DISPLAY PANEL - 15 mg Tablet Bottle Label

FIDOQUEL™-CA1
(phenobarbital tablets)
CIV

Antiepileptic for oral use in dogs only.

15 mg

Conditionally approved by FDA pending a full demonstration of effectiveness under application number 141-578. It is a violation of federal law to use this product other than as directed on the labeling.

Net Contents: 100 tablets

Before using this drug, read package insert for full prescribing information.

CAUTION: Federal law restricts this drug to use by or on the order of a licensed veterinarian.

Indication: For the control of seizures associated with idiopathic epilepsy in dogs.

DOSAGE AND ADMINISTRATION: Read package insert for full prescribing information.


Human Safety Warnings
Not for use in humans. Keep this and all medications out of reach of children.

Store at 25°C (77°F); excursions permitted to 15° to 30°C (59° to 86°F).

Manufactured by:
Genus Lifesciences Inc.
Allentown, PA 18102

Genus
Lifesciences Inc.

Rev. 01/25

FIDOQUEL™-CA1 
(phenobarbital tablets)

Antiepileptic for oral use in dogs only.

15 mg

Conditionally approved by FDA pending a full demonstration of effectiveness under application number 141-578. It is a violation of federal law to use this product other than as directed on the labeling.

Net Contents: 100 tablets

3 0 5 5 4 0 0 0 1 2 5

GTIN 00364950560015

N 3  5

PRINCIPAL DISPLAY PANEL - 16.2 mg Tablet Bottle Label

FIDOQUEL™-CA1
(phenobarbital tablets)
CIV

Antiepileptic for oral use in dogs only.

16.2 mg

Conditionally approved by FDA pending a full demonstration of effectiveness under application number 141-578. It is a violation of federal law to use this product other than as directed on the labeling.

Net Contents: 100 tablets

Before using this drug, read package insert for full prescribing information.

CAUTION: Federal law restricts this drug to use by or on the order of a licensed veterinarian.


Indication: For the control of seizures associated with idiopathic epilepsy in dogs.

DOSAGE AND ADMINISTRATION: Read package insert for full prescribing information.

Human Safety Warnings
Not for use in humans. Keep this and all medications out of reach of children.

Store at 25°C (77°F); excursions permitted to 15° to 30°C (59° to 86°F).

Manufactured by:
Genus Lifesciences Inc.
Allentown, PA 18102

FIDOQUEL™-CA1 
(phenobarbital tablets)

Antiepileptic for oral use in dogs only.


16.2 mg

Conditionally approved by FDA pending a full demonstration of effectiveness under application number 141-578. It is a violation of federal law to use this product other than as directed on the labeling.

Net Contents: 100 tablets

3 0 3 9 1 0 0 0 1 2 5

GTIN 00364950541014



N 3 64950 54101 4

PRINCIPAL DISPLAY PANEL - 30 mg Tablet Bottle Label

FIDOQUEL™-CA1
(phenobarbital tablets)
CIV

Antiepileptic for oral use in dogs only.

30 mg

Conditionally approved by FDA pending a full demonstration of effectiveness under application number 141-578. It is a violation of federal law to use this product other than as directed on the labeling.

Net Contents: 100 tablets

Before using this drug, read package insert for full prescribing information.

CAUTION: Federal law restricts this drug to use by or on the order of a licensed veterinarian.


Indication: For the control of seizures associated with idiopathic epilepsy in dogs.

DOSAGE AND ADMINISTRATION: Read package insert for full prescribing information.

Human Safety Warnings
Not for use in humans. Keep this and all medications out of reach of children.

Store at 25°C (77°F); excursions permitted to 15° to 30°C (59° to 86°F).

Manufactured by:
Genus Lifesciences Inc.
Allentown, PA 18102

FIDOQUEL™-CA1 
(phenobarbital tablets)

Antiepileptic for oral use in dogs only.


30 mg

Conditionally approved by FDA pending a full demonstration of effectiveness under application number 141-578. It is a violation of federal law to use this product other than as directed on the labeling.

Net Contents: 100 tablets

3 0 5 5 5 0 0 0 1 2 5

GTIN 00364950561012



N 3 64950 56101 2

PRINCIPAL DISPLAY PANEL - 32.4 mg Tablet Bottle Label

FIDOQUEL™-CA1
(phenobarbital tablets)
CIV

Antiepileptic for oral use in dogs only.

32.4 mg

Conditionally approved by FDA pending a full demonstration of effectiveness under application number 141-578. It is a violation of federal law to use this product other than as directed on the labeling.

Net Contents: 100 tablets

<p>Before using this drug, read package insert for full prescribing information.</p> <p>CAUTION: Federal law restricts this drug to use by or on the order of a licensed veterinarian.</p> <p>Indication: For the control of seizures associated with idiopathic epilepsy in dogs.</p> <p>DOSAGE AND ADMINISTRATION: Read package insert for full prescribing information.</p> <p>Human Safety Warnings Not for use in humans. Keep this and all medications out of reach of children.</p> <p>Store at 25°C (77°F); excursions permitted to 15° to 30°C (59° to 86°F).</p> <p>Manufactured by: Genus Lifesciences Inc. Allentown, PA 18102</p>	<p>FIDOQUEL™-CA1 CIV (phenobarbital tablets)</p> <p>Antiepileptic for oral use in dogs only.</p> <p>32.4 mg</p> <p>Conditionally approved by FDA pending a full demonstration of effectiveness under application number 141-578. It is a violation of federal law to use this product other than as directed on the labeling.</p> <p>Net Contents: 100 tablets</p>	<p>3 0 3 9 3 0 0 0 1 2 5</p> <p>GTIN 00364950542011</p> <p>N 3 64950 54201 1</p>
--	--	--

PRINCIPAL DISPLAY PANEL - 60 mg Tablet Bottle Label

FIDOQUEL™-CA1
(phenobarbital tablets)
CIV

Antiepileptic for oral use in dogs only.

60 mg

Conditionally approved by FDA pending a full demonstration of effectiveness under application number 141-578. It is a violation of federal law to use this product other than as directed on the labeling.

Net Contents: 100 tablets

Before using this drug, read package insert for full prescribing information.

CAUTION: Federal law restricts this drug to use by or on the order of a licensed veterinarian.


Indication: For the control of seizures associated with idiopathic epilepsy in dogs.

DOSAGE AND ADMINISTRATION: Read package insert for full prescribing information.

Human Safety Warnings
Not for use in humans. Keep this and all medications out of reach of children.

Store at 25°C (77°F); excursions permitted to 15° to 30°C (59° to 86°F).

Manufactured by:
Genus Lifesciences Inc.
Allentown, PA 18102
Rev. 01/25



FIDOQUEL™-CA1 CIV
(phenobarbital tablets)

Antiepileptic for oral use in dogs only.


60 mg

Conditionally approved by FDA pending a full demonstration of effectiveness under application number 141-578. It is a violation of federal law to use this product other than as directed on the labeling.

Net Contents: 100 tablets

3 0 5 5 6 0 0 0 1 2 5

GTIN 00364950562019



N 3 64950 56201 9

PRINCIPAL DISPLAY PANEL - 64.8 mg Tablet Bottle Label

FIDOQUEL™-CA1
(phenobarbital tablets)
CIV

Antiepileptic for oral use in dogs only.

64.8 mg

Conditionally approved by FDA pending a full demonstration of effectiveness under application number 141-578. It is a violation of federal law to use this product other than as directed on the labeling.

Net Contents: 100 tablets

Before using this drug, read package insert for full prescribing information.

CAUTION: Federal law restricts this drug to use by or on the order of a licensed veterinarian.


Indication: For the control of seizures associated with idiopathic epilepsy in dogs.

DOSAGE AND ADMINISTRATION: Read package insert for full prescribing information.

Human Safety Warnings
Not for use in humans. Keep this and all medications out of reach of children.

Store at 25°C (77°F); excursions permitted to 15° to 30°C (59° to 86°F).

Manufactured by:
Genus Lifesciences Inc.
Allentown, PA 18102
Rev. 01/25



FIDOQUEL™-CA1 CIV
(phenobarbital tablets)

Antiepileptic for oral use in dogs only.


64.8 mg

Conditionally approved by FDA pending a full demonstration of effectiveness under application number 141-578. It is a violation of federal law to use this product other than as directed on the labeling.

Net Contents: 100 tablets

3 0 3 9 5 0 0 0 1 2 5

GTIN 00364950543018



N 3 64950 54301 8

PRINCIPAL DISPLAY PANEL - 97.2 mg Tablet Bottle Label


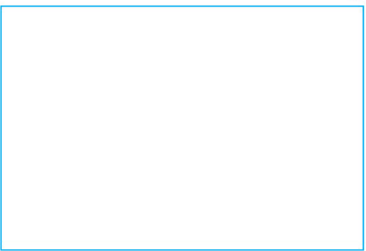

FIDOQUEL™-CA1
(phenobarbital tablets)
CIV

Antiepileptic for oral use in dogs only.

97.2 mg

Conditionally approved by FDA pending a full demonstration of effectiveness under application number 141-578. It is a violation of federal law to use this product other than as directed on the labeling.

Net Contents: 100 tablets

<p>Before using this drug, read package insert for full prescribing information.</p> <p>CAUTION: Federal law restricts this drug to use by or on the order of a licensed veterinarian.</p> <p>Indication: For the control of seizures associated with idiopathic epilepsy in dogs.</p> <p>DOSAGE AND ADMINISTRATION: Read package insert for full prescribing information.</p> <p>Human Safety Warnings</p> <p>Not for use in humans. Keep this and all medications out of reach of children.</p> <p>Store at 25°C (77°F); excursions permitted to 15° to 30°C (59° to 86°F).</p> <p>Manufactured by: Genus Lifesciences Inc. Allentown, PA 18102 Rev. 01/25</p> 	<p>FIDOQUEL™-CA1 CIV (phenobarbital tablets)</p> <p>Antiepileptic for oral use in dogs only.</p> <p>97.2 mg</p> <p>Conditionally approved by FDA pending a full demonstration of effectiveness under application number 141-578. It is a violation of federal law to use this product other than as directed on the labeling.</p> <p>Net Contents: 100 tablets</p>	 <p>3 0 3 9 7 0 0 0 1 2 5</p> <p>GTIN 00364950544015</p>  <p>N 3 64950 54401 5</p>
---	---	--

PRINCIPAL DISPLAY PANEL - 100 mg Tablet Bottle Label

FIDOQUEL™-CA1
(phenobarbital tablets)
CIV

Antiepileptic for oral use in dogs only.

100 mg

Conditionally approved by FDA pending a full demonstration of effectiveness under application number 141-578. It is a violation of federal law to use this product other than as directed on the labeling.

Net Contents: 100 tablets

Before using this drug, read package insert for full prescribing information.

CAUTION: Federal law restricts this drug to use by or on the order of a licensed veterinarian.

Indication: For the control of seizures associated with idiopathic epilepsy in dogs.


DOSAGE AND ADMINISTRATION: Read package insert for full prescribing information.


Human Safety Warnings
Not for use in humans. Keep this and all medications out of reach of children.

Store at 25°C (77°F); excursions permitted to 15° to 30°C (59° to 86°F).

Manufactured by:
Genus Lifesciences Inc.
Allentown, PA 18102

Rev. 01/25



FIDOQUEL™-CA1 

(phenobarbital tablets)

Antiepileptic for oral use in dogs only.


100 mg

Conditionally approved by FDA pending a full demonstration of effectiveness under application number 141-578. It is a violation of federal law to use this product other than as directed on the labeling.

Net Contents: 100 tablets

3 0 5 5 7 0 0 0 1 2 5

GTIN 00364950563016



N 3 64950 56301 6

FIDOQUEL-CA1

phenobarbital tablet

Product Information

Product Type	PRESCRIPTION ANIMAL DRUG	Item Code (Source)	NDC:64950-560
Route of Administration	ORAL	DEA Schedule	CIV

Active Ingredient/Active Moiety

Ingredient Name	Basis of Strength	Strength
PHENOBARBITAL (UNII: YQE403BP4D) (PHENOBARBITAL - UNII:YQE403BP4D)	PHENOBARBITAL	15 mg

Inactive Ingredients

Ingredient Name	Strength
SILICON DIOXIDE (UNII: ETJ7Z6XBU4)	
LACTOSE MONOHYDRATE (UNII: EWQ57Q8I5X)	
MAGNESIUM STEARATE (UNII: 70097M6I30)	
MICROCRYSTALLINE CELLULOSE (UNII: OP1R32D61U)	
SODIUM STARCH GLYCOLATE TYPE A (UNII: H8AV0SQX4D)	

Product Characteristics

Color	WHITE	Score	2 pieces
Shape	ROUND	Size	6mm
Flavor		Imprint Code	1;GL
Contains			

Packaging

#	Item Code	Package Description	Marketing Start Date	Marketing End Date
---	-----------	---------------------	----------------------	--------------------

1	NDC:64950-560-01	100 in 1 BOTTLE		
2	NDC:64950-560-10	1000 in 1 BOTTLE		
Marketing Information				
Marketing Category	Application Number or Monograph Citation		Marketing Start Date	Marketing End Date
Conditional NADA	NADA141578		04/01/2025	

FIDOQUEL-CA1

phenobarbital tablet

Product Information				
Product Type		PRESCRIPTION ANIMAL DRUG	Item Code (Source)	
Route of Administration		ORAL	DEA Schedule	
NDC:64950-541				
CIV				
Active Ingredient/Active Moiety				
Ingredient Name			Basis of Strength	Strength
PHENOBARBITAL (UNII: YQE403BP4D) (PHENOBARBITAL - UNII:YQE403BP4D)			PHENOBARBITAL	16.2 mg
Inactive Ingredients				
Ingredient Name				Strength
SILICON DIOXIDE (UNII: ETJ7Z6XBU4)				
LACTOSE MONOHYDRATE (UNII: EWQ57Q8I5X)				
MAGNESIUM STEARATE (UNII: 70097M6I30)				
MICROCRYSTALLINE CELLULOSE (UNII: OP1R32D61U)				
SODIUM STARCH GLYCOLATE TYPE A (UNII: H8AV0SQX4D)				
Product Characteristics				
Color	WHITE	Score	2 pieces	
Shape	ROUND	Size	6mm	
Flavor		Imprint Code	2;GL	
Contains				
Packaging				
#	Item Code	Package Description	Marketing Start Date	Marketing End Date
1	NDC:64950-541-01	100 in 1 BOTTLE		
2	NDC:64950-541-10	1000 in 1 BOTTLE		
Marketing Information				

Marketing Category	Application Number or Monograph Citation	Marketing Start Date	Marketing End Date
Conditional NADA	NADA141578	04/01/2025	

FIDOQUEL-CA1

phenobarbital tablet

Product Information			
Product Type	PRESCRIPTION ANIMAL DRUG	Item Code (Source)	NDC:64950-561
Route of Administration	ORAL	DEA Schedule	CIV

Active Ingredient/Active Moiety		
Ingredient Name	Basis of Strength	Strength
PHENOBARBITAL (UNII: YQE403BP4D) (PHENOBARBITAL - UNII:YQE403BP4D)	PHENOBARBITAL	30 mg

Inactive Ingredients	
Ingredient Name	Strength
SILICON DIOXIDE (UNII: ETJ7Z6XBU4)	
LACTOSE MONOHYDRATE (UNII: EWQ57Q8I5X)	
MAGNESIUM STEARATE (UNII: 70097M6I30)	
MICROCRYSTALLINE CELLULOSE (UNII: OP1R32D61U)	
SODIUM STARCH GLYCOLATE TYPE A (UNII: H8AV0SQX4D)	

Product Characteristics			
Color	WHITE	Score	2 pieces
Shape	ROUND	Size	7mm
Flavor		Imprint Code	7;GL
Contains			

Packaging				
#	Item Code	Package Description	Marketing Start Date	Marketing End Date
1	NDC:64950-561-01	100 in 1 BOTTLE		
2	NDC:64950-561-10	1000 in 1 BOTTLE		

Marketing Information			
Marketing Category	Application Number or Monograph Citation	Marketing Start Date	Marketing End Date
Conditional NADA	NADA141578	04/01/2025	

FIDOQUEL-CA1

phenobarbital tablet

Product Information			
Product Type	PRESCRIPTION ANIMAL DRUG	Item Code (Source)	NDC:64950-542
Route of Administration	ORAL	DEA Schedule	CIV

Active Ingredient/Active Moiety		
Ingredient Name		Basis of Strength
PHENOBARBITAL (UNII: YQE403BP4D) (PHENOBARBITAL - UNII:YQE403BP4D)		32.4 mg

Inactive Ingredients	
Ingredient Name	Strength
SILICON DIOXIDE (UNII: ETJ7Z6XBU4)	
LACTOSE MONOHYDRATE (UNII: EWQ57Q8I5X)	
MAGNESIUM STEARATE (UNII: 70097M6I30)	
MICROCRYSTALLINE CELLULOSE (UNII: OP1R32D61U)	
SODIUM STARCH GLYCOLATE TYPE A (UNII: H8AV0SQX4D)	

Product Characteristics			
Color	WHITE	Score	2 pieces
Shape	ROUND	Size	7mm
Flavor		Imprint Code	5;GL
Contains			

Packaging				
#	Item Code	Package Description	Marketing Start Date	Marketing End Date
1	NDC:64950-542-01	100 in 1 BOTTLE		
2	NDC:64950-542-10	1000 in 1 BOTTLE		

Marketing Information			
Marketing Category	Application Number or Monograph Citation	Marketing Start Date	Marketing End Date
Conditional NADA	NADA141578	04/01/2025	

FIDOQUEL-CA1

phenobarbital tablet

Product Information			
Product Type	PRESCRIPTION ANIMAL DRUG	Item Code (Source)	NDC:64950-562

Route of Administration	ORAL	DEA Schedule	CIV
-------------------------	------	--------------	-----

Active Ingredient/Active Moiety		
Ingredient Name	Basis of Strength	Strength
PHENOBARBITAL (UNII: YQE403BP4D) (PHENOBARBITAL - UNII:YQE403BP4D)	PHENOBARBITAL	60 mg

Inactive Ingredients	
Ingredient Name	Strength
SILICON DIOXIDE (UNII: ETJ7Z6XBU4)	
LACTOSE MONOHYDRATE (UNII: EWQ57Q8I5X)	
MAGNESIUM STEARATE (UNII: 70097M6I30)	
MICROCRYSTALLINE CELLULOSE (UNII: OP1R32D61U)	
SODIUM STARCH GLYCOLATE TYPE A (UNII: H8AV0SQX4D)	

Product Characteristics			
Color	WHITE	Score	2 pieces
Shape	ROUND	Size	9mm
Flavor		Imprint Code	17;GL
Contains			

Packaging				
#	Item Code	Package Description	Marketing Start Date	Marketing End Date
1	NDC:64950-562-01	100 in 1 BOTTLE		
2	NDC:64950-562-10	1000 in 1 BOTTLE		

Marketing Information			
Marketing Category	Application Number or Monograph Citation	Marketing Start Date	Marketing End Date
Conditional NADA	NADA141578	04/01/2025	

FIDOQUEL-CA1 phenobarbital tablet			
---	--	--	--

Product Information			
Product Type	PRESCRIPTION ANIMAL DRUG	Item Code (Source)	NDC:64950-543
Route of Administration	ORAL	DEA Schedule	CIV

Active Ingredient/Active Moiety		
Ingredient Name	Basis of Strength	Strength

PHENOBARBITAL (UNII: YQE403BP4D) (PHENOBARBITAL - UNII:YQE403BP4D)		PHENOBARBITAL	64.8 mg	
Inactive Ingredients				
Ingredient Name			Strength	
SILICON DIOXIDE (UNII: ETJ7Z6XBU4)				
LACTOSE MONOHYDRATE (UNII: EWQ57Q8I5X)				
MAGNESIUM STEARATE (UNII: 70097M6I30)				
MICROCRYSTALLINE CELLULOSE (UNII: OP1R32D61U)				
SODIUM STARCH GLYCOLATE TYPE A (UNII: H8AV0SQX4D)				
Product Characteristics				
Color	WHITE	Score	2 pieces	
Shape	ROUND	Size	9mm	
Flavor		Imprint Code	25;GL	
Contains				
Packaging				
#	Item Code	Package Description	Marketing Start Date	Marketing End Date
1	NDC:64950-543-01	100 in 1 BOTTLE		
2	NDC:64950-543-10	1000 in 1 BOTTLE		
Marketing Information				
Marketing Category	Application Number or Monograph Citation		Marketing Start Date	Marketing End Date
Conditional NADA	NADA141578		04/01/2025	

FIDOQUEL-CA1

phenobarbital tablet

Product Information			
Product Type	PRESCRIPTION ANIMAL DRUG	Item Code (Source)	NDC:64950-544
Route of Administration	ORAL	DEA Schedule	CIV
Active Ingredient/Active Moiety			
Ingredient Name		Basis of Strength	Strength
PHENOBARBITAL (UNII: YQE403BP4D) (PHENOBARBITAL - UNII:YQE403BP4D)		PHENOBARBITAL	97.2 mg
Inactive Ingredients			
Ingredient Name			Strength

SILICON DIOXIDE (UNII: ETJ7Z6XBU4)	
LACTOSE MONOHYDRATE (UNII: EWQ57Q8I5X)	
MAGNESIUM STEARATE (UNII: 70097M6I30)	
MICROCRYSTALLINE CELLULOSE (UNII: OP1R32D61U)	
SODIUM STARCH GLYCOLATE TYPE A (UNII: H8AV0SQX4D)	

Product Characteristics

Color	WHITE	Score	2 pieces
Shape	ROUND	Size	10mm
Flavor		Imprint Code	52;GL
Contains			

Packaging

#	Item Code	Package Description	Marketing Start Date	Marketing End Date
1	NDC:64950-544-01	100 in 1 BOTTLE		
2	NDC:64950-544-10	1000 in 1 BOTTLE		

Marketing Information

Marketing Category	Application Number or Monograph Citation	Marketing Start Date	Marketing End Date
Conditional NADA	NADA141578	04/01/2025	

FIDOQUEL-CA1

phenobarbital tablet

Product Information

Product Type	PRESCRIPTION ANIMAL DRUG	Item Code (Source)	NDC:64950-563
Route of Administration	ORAL	DEA Schedule	CIV

Active Ingredient/Active Moiety

Ingredient Name	Basis of Strength	Strength
PHENOBARBITAL (UNII: YQE403BP4D) (PHENOBARBITAL - UNII:YQE403BP4D)	PHENOBARBITAL	100 mg

Inactive Ingredients

Ingredient Name	Strength
SILICON DIOXIDE (UNII: ETJ7Z6XBU4)	
LACTOSE MONOHYDRATE (UNII: EWQ57Q8I5X)	
MAGNESIUM STEARATE (UNII: 70097M6I30)	
MICROCRYSTALLINE CELLULOSE (UNII: OP1R32D61U)	
SODIUM STARCH GLYCOLATE TYPE A (UNII: H8AV0SQX4D)	

Product Characteristics

Color	WHITE	Score	2 pieces
Shape	ROUND	Size	10mm
Flavor		Imprint Code	71;GL
Contains			

Packaging

#	Item Code	Package Description	Marketing Start Date	Marketing End Date
1	NDC:64950-563-01	100 in 1 BOTTLE		
2	NDC:64950-563-10	1000 in 1 BOTTLE		

Marketing Information

Marketing Category	Application Number or Monograph Citation	Marketing Start Date	Marketing End Date
Conditional NADA	NADA141578	04/01/2025	

Labeler - Genus Lifesciences (113290444)

Establishment

Name	Address	ID/FEI	Business Operations
Genus Lifesciences		113290444	MANUFACTURE, ANALYSIS

Revised: 4/2025

Genus Lifesciences