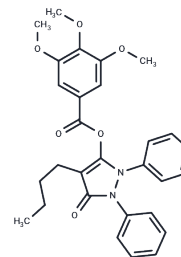


Phenylbutazone trimethylgallate

Chemical Properties

CAS No. :	16006-74-9
Formula:	C ₂₉ H ₃₀ N ₂ O ₆
Molecular Weight:	502.56
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Phenylbutazone trimethylgallate is a non-steroidal anti-inflammatory agent.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9898 mL	9.9491 mL	19.8981 mL
5 mM	0.398 mL	1.9898 mL	3.9796 mL
10 mM	0.199 mL	0.9949 mL	1.9898 mL
50 mM	0.0398 mL	0.199 mL	0.398 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

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- Fourie T, Cromarty D, Duncan N, Wolter K, Naidoo V. The Safety and Pharmacokinetics of Carprofen, Flunixin and Phenylbutazone in the Cape Vulture (*Gyps coprotheres*) following Oral Exposure. *PLoS One.* 2015 Oct 29;10(10):e0141419. doi: 10.1371/journal.pone.0141419. eCollection 2015. PubMed PMID: 26512724; PubMed Central PMCID: PMC4626400.
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- Knych HK, Stanley SD, Seminoff KN, McKemie DS, Kass PH. Pharmacokinetics of methocarbamol and phenylbutazone in exercised Thoroughbred horses. *J Vet Pharmacol Ther.* 2016 Oct;39(5):469-77. doi: 10.1111/jvp.12298. Epub 2016 Feb 29. PubMed PMID: 26924025.

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