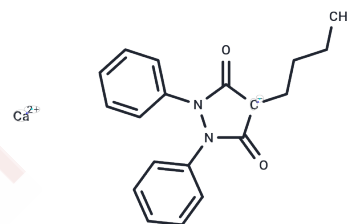


Phenylbutazone calcium

Chemical Properties

CAS No. :	70145-60-7
Formula:	C ₁₉ H ₁₉ CaN ₂ O ₂
Molecular Weight:	347.44
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 calcium is a calcium derivative of phenylbutazone that has anti-inflammatory effects.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8782 mL	14.391 mL	28.7819 mL
5 mM	0.5756 mL	2.8782 mL	5.7564 mL
10 mM	0.2878 mL	1.4391 mL	2.8782 mL
50 mM	0.0576 mL	0.2878 mL	0.5756 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

- Hanada S, Mengardo S, Oga S. Bioavailability and anti-inflammatory effects of phenylbutazone sodium and phenylbutazone calcium in rats. *Boll Chim Farm.* 1987 May;126(5):203-7. PubMed PMID: 3450309.
- Neuschl J, Kohút A. [Effect of amitriptyline on the ulcerogenic action of phenylbutazone and reserpine with respect to calcium levels in the stomach wall and blood in rats of different ages (author's transl)]. *Bratisl Lek Listy.* 1979 Feb;71(2):173-8. Slovak. PubMed PMID: 427612.
- Carlassare M. [Calcium phenylbutazone]. *Boll Chim Farm.* 1971 Sep;110(9):510-4. Italian. PubMed PMID: 5137988.
- BAUST W, KRAATZ HG. [A calcium-like effect of phenylbutazone (butazolidin)]. *Naunyn Schmiedebergs Arch Exp Pathol Pharmacol.* 1958;232(3):562-72. German. PubMed PMID: 13552733.

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