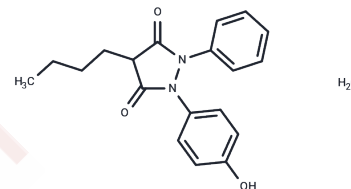


Oxyphenbutazone monohydrate

Chemical Properties

CAS No. :	7081-38-1
Formula:	C ₁₉ H ₂₂ N ₂ O ₄
Molecular Weight:	342.39
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	Oxyphenbutazone monohydrate, a metabolite of Phenylbutazone, exhibits anti-inflammatory properties and acts as a non-selective COX inhibitor when taken orally. It also selectively targets and kills non-replicating Mycobacterium tuberculosis [1] [2].
Targets(IC50)	Others,Antibacterial,COX

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9206 mL	14.6032 mL	29.2065 mL
5 mM	0.5841 mL	2.9206 mL	5.8413 mL
10 mM	0.2921 mL	1.4603 mL	2.9206 mL
50 mM	0.0584 mL	0.2921 mL	0.5841 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481