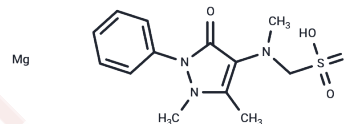


Metamizole hemimagnesium

Chemical Properties

CAS No. :	6150-97-6
Formula:	C ₁₃ H ₁₇ MgN ₃ O ₄ S
Molecular Weight:	335.662
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	Metamizole (Dipyrone) hemimagnesium is an anti-inflammatory and antioxidant compound known for its ability to reduce fever. It decreases levels of C-reactive protein (CRP) and interleukin 6 (IL-6). Additionally, Metamizole hemimagnesium acts as an orally active cyclooxygenase (COX) inhibitor, suppressing cell proliferation and promoting apoptosis. It is utilized in the study of inflammation and fever.
Targets(IC50)	Apoptosis,COX,Interleukin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9792 mL	14.896 mL	29.7921 mL
5 mM	0.5958 mL	2.9792 mL	5.9584 mL
10 mM	0.2979 mL	1.4896 mL	2.9792 mL
50 mM	0.0596 mL	0.2979 mL	0.5958 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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