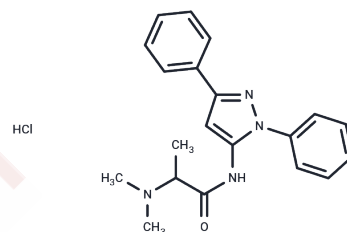


Difenamizole HCl

Chemical Properties

CAS No. :	20170-21-2
Formula:	C ₂₀ H ₂₃ ClN ₄ O
Molecular Weight:	370.88
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	Difenamizole HCl is the salt form of Difenamizole, a non-steroidal anti-inflammatory drug (NSAID) and analgesic of the pyrazolone group related to metamizole. It has monoaminergic properties, including inhibition of monoamine oxidase, augmentation of pargyline-induced elevation of striatal dopamine levels, inhibition of K ⁺ -induced striatal dopamine release, and inhibition of the reuptake of dopamine.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6963 mL	13.4814 mL	26.9629 mL
5 mM	0.5393 mL	2.6963 mL	5.3926 mL
10 mM	0.2696 mL	1.3481 mL	2.6963 mL
50 mM	0.0539 mL	0.2696 mL	0.5393 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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