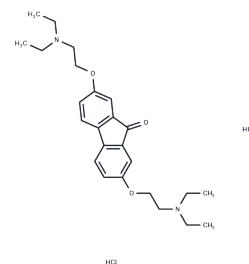


Tilorone dihydrochloride

Chemical Properties

CAS No. :	27591-69-1
Formula:	C ₂₅ H ₃₆ Cl ₂ N ₂ O ₃
Molecular Weight:	483.47
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Tilorone dihydrochloride, an orally active interferon inducer, exhibits both antineoplastic and anti-inflammatory actions.
Targets(IC50)	HIF/HIF Prolyl-Hydroxylase, IFNAR, Influenza Virus
In vivo	T0242L

Solubility Information

Solubility	H ₂ O: 198.6 mM, Sonication is recommended. DMSO: 4.84 mg/mL (10 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0684 mL	10.3419 mL	20.6838 mL
5 mM	0.4137 mL	2.0684 mL	4.1368 mL
10 mM	0.2068 mL	1.0342 mL	2.0684 mL
50 mM	0.0414 mL	0.2068 mL	0.4137 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.

Reference

Stringfellow DA, Glasgow LA. Antimicrob Agents ChemOthers. 1972 Aug;2(2):73-8.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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