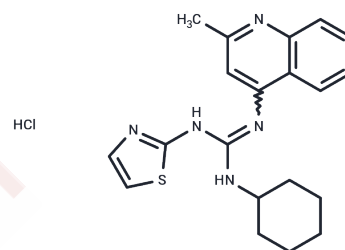


Timegadine hydrochloride

Chemical Properties

CAS No. :	71080-06-3
Formula:	C ₂₀ H ₂₄ ClN ₅
Molecular Weight:	401.96
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	Timegadine hydrochloride (SR1368 hydrochloride) is the hydrochloride salt form of Timegadine. It is an orally active inhibitor of COX and lipo-oxygenase, effectively suppressing COX in rabbit platelets and rat brain with IC ₅₀ values of 5 nM and 20 μM, respectively, and inhibiting lipo-oxygenase in horse and rabbit platelets with an IC ₅₀ of 100 μM. Timegadine hydrochloride also exhibits anti-arthritis activity.
Targets(IC ₅₀)	COX

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4878 mL	12.439 mL	24.8781 mL
5 mM	0.4976 mL	2.4878 mL	4.9756 mL
10 mM	0.2488 mL	1.2439 mL	2.4878 mL
50 mM	0.0498 mL	0.2488 mL	0.4976 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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