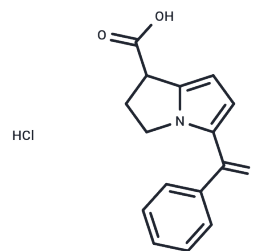


Ketorolac hydrochloride

Chemical Properties

CAS No. :	218934-99-7
Formula:	C ₁₅ H ₁₄ ClNO ₃
Molecular Weight:	291.73
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	Ketorolac (RS37619) hydrochloride is a nonsteroidal anti-inflammatory drug and a non-selective COX inhibitor, exhibiting IC ₅₀ values of 20 nM for COX-1 and 120 nM for COX-2. This compound is utilized in a 0.5% ophthalmic solution format for the investigation of allergic conjunctivitis, cystoid macular edema, intraoperative miosis, and post-operative ocular inflammation pain. Additionally, Ketorolac hydrochloride serves as a DDX3 inhibitor, making it pertinent for research in cancer therapies.
Targets(IC ₅₀)	Apoptosis,COX

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4278 mL	17.1391 mL	34.2783 mL
5 mM	0.6856 mL	3.4278 mL	6.8557 mL
10 mM	0.3428 mL	1.7139 mL	3.4278 mL
50 mM	0.0686 mL	0.3428 mL	0.6856 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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