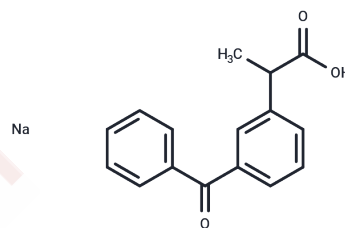


Ketoprofen sodium

Chemical Properties

CAS No. :	57495-14-4
Formula:	C ₁₆ H ₁₄ NaO ₃
Molecular Weight:	277.27
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	Ketoprofen (RP-19583) sodium is a non-steroidal anti-inflammatory drug that inhibits the activity of Cyclooxygenase, with an IC ₅₀ of 2 nM for COX-1 and 26 nM for COX-2. It is utilized in research related to inflammation, immunology, and metabolic disorders such as obesity.
Targets(IC ₅₀)	COX

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6066 mL	18.033 mL	36.0659 mL
5 mM	0.7213 mL	3.6066 mL	7.2132 mL
10 mM	0.3607 mL	1.8033 mL	3.6066 mL
50 mM	0.0721 mL	0.3607 mL	0.7213 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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