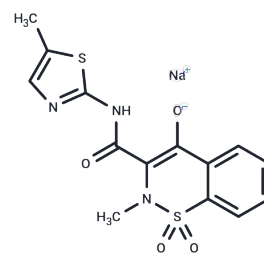


Meloxicam sodium

Chemical Properties

CAS No. :	71125-39-8
Formula:	C ₁₄ H ₁₂ N ₃ NaO ₄ S ₂
Molecular Weight:	373.38
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	Meloxicam sodium is a non-steroidal anti-inflammatory agent that inhibits COX activity, with IC ₅₀ values of 0.49 μM and 36.6 μM for COX-2 and COX-1, respectively [1].
Targets(IC ₅₀)	Apoptosis, MMP, Others, Autophagy, COX
In vitro	Meloxicam sodium (0.25 μg/mL) reduces migration and invasion of CF41.Mg cells, lowers MMP-2 expression, and enhances β-catenin phosphorylation in these cells, without influencing apoptosis in CF41.Mg cells [2].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6782 mL	13.3912 mL	26.7824 mL
5 mM	0.5356 mL	2.6782 mL	5.3565 mL
10 mM	0.2678 mL	1.3391 mL	2.6782 mL
50 mM	0.0536 mL	0.2678 mL	0.5356 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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