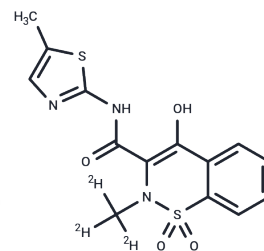


Meloxicam-D3

Chemical Properties

CAS No. :	942047-63-4
Formula:	C ₁₄ H ₁₃ N ₃ O ₄ S ₂
Molecular Weight:	354.42
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-D3 is deuterium labeled Meloxicam. Meloxicam (T0826) is a non-steroidal antiinflammatory agent, inhibits COX activity, (Target:COX-1; IC50: 36.6 μM ; (Target: COX-2; IC50: 0.49 μM).
Targets(IC50)	Apoptosis, Autophagy, COX

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8215 mL	14.1076 mL	28.2151 mL
5 mM	0.5643 mL	2.8215 mL	5.643 mL
10 mM	0.2822 mL	1.4108 mL	2.8215 mL
50 mM	0.0564 mL	0.2822 mL	0.5643 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.

Reference

Lazer ES, et al. Effect of structural modification of enol-carboxamide-type nonsteroidal antiinflammatory drugs on COX-2/COX-1 selectivity. J Med Chem. 1997 Mar 14;40(6):980-9.

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