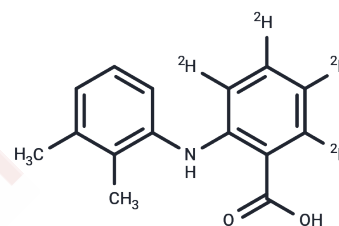


MefenaMic Acid-D4

Chemical Properties

CAS No. : 1216745-79-7
 Formula: C₁₅H₁₁D₄NO₂
 Molecular Weight: 245.31
 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	MefenaMic Acid-D4 is a deuterated compound of MefenaMic Acid. MefenaMic Acid (T0890) has a CAS number of 61-68-7. Mefenamic acid is a non-steroidal anti-inflammatory agent with analgesic, anti-inflammatory, and antipyretic properties. It is an inhibitor of cyclooxygenase.
Targets(IC50)	COX

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0765 mL	20.3824 mL	40.7647 mL
5 mM	0.8153 mL	4.0765 mL	8.1529 mL
10 mM	0.4076 mL	2.0382 mL	4.0765 mL
50 mM	0.0815 mL	0.4076 mL	0.8153 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

- Bhat AS, et al. Eur J Pharmacol. 2007 Feb 5; 556(1-3):190-9.

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