

Ketorolac-D5-P1

Chemical Properties

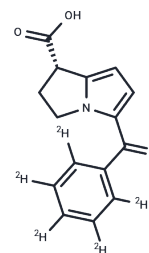
CAS No. :

Formula: C₁₅H₈D₅NO₃

Molecular Weight: 260.3

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-D5-P1 is a deuterated compound of Ketorolac. Ketorolac (T21412) has a CAS number of 74103-06-3. Ketorolac (T21412) is a non-steroidal anti-inflammatory drug (NSAID) in the family of heterocyclic acetic acid derivatives. It acts by inhibiting the bodily synthesis of prostaglandins.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8417 mL	19.2086 mL	38.4172 mL
5 mM	0.7683 mL	3.8417 mL	7.6834 mL
10 mM	0.3842 mL	1.9209 mL	3.8417 mL
50 mM	0.0768 mL	0.3842 mL	0.7683 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

- Lawuyi LE, Gurbaxani A. The clinical utility of new combination phenylephrine/ketorolac injection in cataract surgery. Clin Ophthalmol. 2015 Jul 10;9:1249-54. doi: 10.2147/OPHTH.S72321. eCollection 2015. Review. PubMed PMID: 26203214; PubMed Central PMCID: PMC4506037.

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