

Indobufen-D5

Chemical Properties

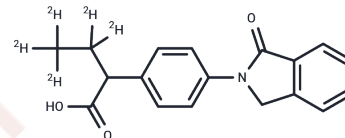
CAS No. :

Formula: C₁₈H₁₂D₅NO₃

Molecular Weight: 300.36

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	Indobufen-D5 is a deuterated compound of Indobufen. Indobufen (T15577) has a CAS number of 63610-08-2. Indobufen is an inhibitor of platelet aggregation and is a reversible platelet cyclooxygenase (Cox) activity inhibitor. Indobufen suppresses thromboxane A ₂ (TxA ₂) synthesis. Indobufen down-regulates tissue factor (TF) in monocytes.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3293 mL	16.6467 mL	33.2934 mL
5 mM	0.6659 mL	3.3293 mL	6.6587 mL
10 mM	0.3329 mL	1.6647 mL	3.3293 mL
50 mM	0.0666 mL	0.3329 mL	0.6659 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

- Eligini S, et al. Indobufen inhibits tissue factor in human monocytes through a thromboxane-mediated mechanism. Cardiovasc Res. 2006 Jan;69(1):218-26.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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