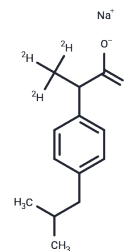


Ibuprofen-D3 sodium

Chemical Properties

CAS No. :	1219805-09-0
Formula:	C ₁₃ H ₁₇ NaO ₂
Molecular Weight:	231.28
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	Ibuprofen-D3 sodium is the deuterated form of Ibuprofen sodium, a COX-1 selective inhibitor with oral activity, exhibiting an IC50 value of 13 μM. It impedes cell proliferation, inhibits angiogenesis, and induces apoptosis. As a nonsteroidal anti-inflammatory agent and nitric oxide (NO) donor, Ibuprofen sodium (T60292) is utilized in research on pain, swelling, inflammation, infections, immunology, and cancer.
Targets(IC50)	Apoptosis,Parasite,COX

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.3238 mL	21.6188 mL	43.2376 mL
5 mM	0.8648 mL	4.3238 mL	8.6475 mL
10 mM	0.4324 mL	2.1619 mL	4.3238 mL
50 mM	0.0865 mL	0.4324 mL	0.8648 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481