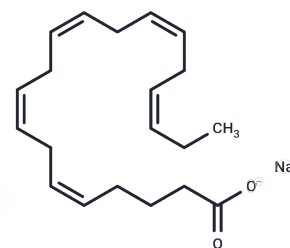


Eicosapentaenoic Acid sodium

Chemical Properties

CAS No. :	73167-03-0
Formula:	C ₂₀ H ₂₉ NaO ₂
Molecular Weight:	324.43
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	Eicosapentaenoic Acid (EPA) sodium, an orally active omega-3 long-chain polyunsaturated fatty acid (ω -3 LC-PUFA), demonstrates a unique ability to demethylate DNA, thereby facilitating the re-expression of the tumor suppressor gene CCAAT/enhancer-binding protein δ (C/EBP δ). This compound also activates the RAS/ERK/C/EBP β pathway by demethylating H-Ras intron 1 CpG island in U937 leukemia cells and promotes the relaxation of vascular smooth muscle cells, leading to vasodilation.
Targets(IC50)	Histone Demethylase,Others,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0823 mL	15.4116 mL	30.8233 mL
5 mM	0.6165 mL	3.0823 mL	6.1647 mL
10 mM	0.3082 mL	1.5412 mL	3.0823 mL
50 mM	0.0616 mL	0.3082 mL	0.6165 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