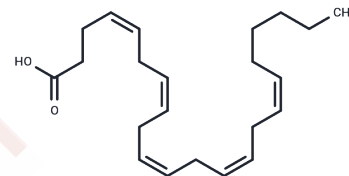


Osbond acid

Chemical Properties

CAS No. :	25182-74-5
Formula:	C ₂₂ H ₃₄ O ₂
Molecular Weight:	330.5
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	Osbond acid, an isomer of DPA (docosapentaenoic acid), is an ω-6 fatty acid produced by the elongation and desaturation of arachidonic acid. Decreased levels of osbond acid during fatty acid desaturase syndrome may interfere with normal development. In non-alcoholic steatohepatitis, a precancerous condition associated with hepatocellular carcinoma, hepatic expression of very-long-chain fatty acid protein 6 is increased, along with elevated levels of very-long-chain fatty acids including osbond acid.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0257 mL	15.1286 mL	30.2572 mL
5 mM	0.6051 mL	3.0257 mL	6.0514 mL
10 mM	0.3026 mL	1.5129 mL	3.0257 mL
50 mM	0.0605 mL	0.3026 mL	0.6051 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