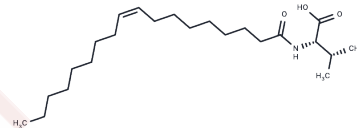


N-Oleoyl Valine

Chemical Properties

CAS No. :	60374-41-6
Formula:	C ₂₃ H ₄₃ NO ₃
Molecular Weight:	381.59
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	N-Oleoyl valine is an endogenous N-acyl amine that acts as an antagonist at the transient receptor potential vanilloid type 3 (TRPV3) receptor, which is involved in thermoregulation. N-Oleoyl valine is increased in mice following cold exposure for up to at least 16 days. Acute lung injury in mice increases the concentration of N-Oleoyl valine in lung tissue. N-acyl amines also promote mitochondrial uncoupling.
Targets(IC50)	TRP/TRPV Channel

Solubility Information

Solubility	DMF: 10 mg/mL (26.21 mM), Sonication is recommended. Ethanol: 12 mg/mL (31.45 mM), Sonication is recommended. Ethanol:PBS (pH 7.2) (1:4): 0.2 mg/mL (0.52 mM), Sonication is recommended. DMSO: 12 mg/mL (31.45 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6206 mL	13.1031 mL	26.2061 mL
5 mM	0.5241 mL	2.6206 mL	5.2412 mL
10 mM	0.2621 mL	1.3103 mL	2.6206 mL
50 mM	0.0524 mL	0.2621 mL	0.5241 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