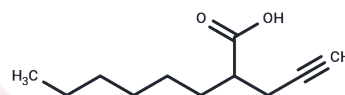


2-hexyl-4-Pentynoic Acid

Chemical Properties

CAS No. :	96017-59-3
Formula:	C ₁₁ H ₁₈ O ₂
Molecular Weight:	182.26
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	2-hexyl-4-Pentynoic Acid, a valproic acid (VPA) derivatives, is a potent and robust HDACs inhibitor with IC ₅₀ value of 13 μM.
Targets(IC ₅₀)	HSP,HDAC

Solubility Information

Solubility	DMSO: 50 mg/mL (274.33 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.4867 mL	27.4333 mL	54.8667 mL
5 mM	1.0973 mL	5.4867 mL	10.9733 mL
10 mM	0.5487 mL	2.7433 mL	5.4867 mL
50 mM	0.1097 mL	0.5487 mL	1.0973 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

Zhao J, et al. Identification of HIVEP2 as a dopaminergic transcription factor related to substance use disorders in rats and humans. *Transl Psychiatry*. 2019 Oct 4;9(1):247.

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