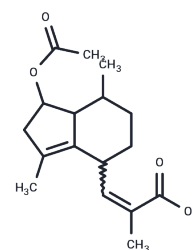


Acetoxyvalerensre

Chemical Properties

CAS No. :	81397-67-3
Formula:	C17H24O4
Molecular Weight:	292.37
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	Acetoxyvalerensre (acetylvalerenolic acid) (acetylvalerenolic acid) is a derivative of valerenic acid, which is a GABA receptor modulator.
Targets(IC50)	GABA Receptor

Solubility Information

Solubility	DMSO: 55 mg/mL (188.12 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4203 mL	17.1016 mL	34.2032 mL
5 mM	0.6841 mL	3.4203 mL	6.8406 mL
10 mM	0.342 mL	1.7102 mL	3.4203 mL
50 mM	0.0684 mL	0.342 mL	0.6841 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

Neuhaus W , Trauner G , D Gruber, et al. Transport of a GABA receptor modulator and its derivatives from Valeriana officinalis L. s. l. across an in vitro cell culture model of the blood-brain barrier.[J]. Planta Medica, 2008, 74(11):1338-1344.

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