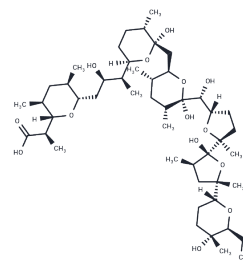


Alborixin

Chemical Properties

CAS No. :	57760-36-8
Formula:	C48H84O14
Molecular Weight:	885.17
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	Alborixin is an autophagy inducer and AKT inhibitor that upregulates Beclin1, ATG5, ATG7, and others, enhancing lysosomal activity and promoting intracellular and extracellular clearance of amyloid- β , making it suitable for Alzheimer's disease research.
Targets(IC50)	Beta Amyloid,Akt,Autophagy,ATG

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1297 mL	5.6486 mL	11.2973 mL
5 mM	0.2259 mL	1.1297 mL	2.2595 mL
10 mM	0.113 mL	0.5649 mL	1.1297 mL
50 mM	0.0226 mL	0.113 mL	0.2259 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

Wani A, et al. Alborixin clears amyloid- β by inducing autophagy through PTEN-mediated inhibition of the AKT pathway. *Autophagy*. 2019 Oct;15(10):1810-1828.

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