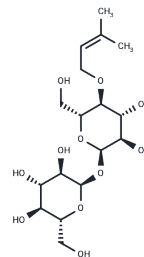


Lentztrehalose B

Chemical Properties

CAS No. :	1808096-67-4
Formula:	C17H30O11
Molecular Weight:	410.41
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	Lentztrehalose B, a microbial disaccharide metabolite isolated from Lentzea, exhibits a range of biological activities. At a concentration of 100 μ M, it demonstrates antioxidant properties in an oxygen radical absorbance capacity (ORAC) assay. Furthermore, Lentztrehalose B at 10 mM inhibits porcine kidney trehalase, an enzyme involved in trehalose metabolism. Additionally, it induces autophagy in MeWo melanoma and OVK18 ovarian cancer cells when applied at 100 mM.
Targets(IC50)	Others, Autophagy

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4366 mL	12.1829 mL	24.3659 mL
5 mM	0.4873 mL	2.4366 mL	4.8732 mL
10 mM	0.2437 mL	1.2183 mL	2.4366 mL
50 mM	0.0487 mL	0.2437 mL	0.4873 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