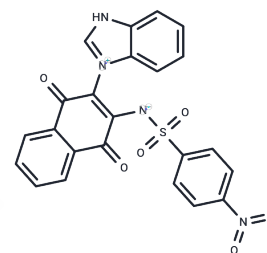


AUTEN-67

Chemical Properties

CAS No. :	301154-74-5
Formula:	C ₂₃ H ₁₄ N ₄ O ₆ S
Molecular Weight:	474.45
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	AUTEN-67 is a specific inhibitor of MTMR14 and autophagy enhancer with potent antiaging and neuroprotective effects. AUTEN-67 also delays the onset and decreases the severity of Huntington's disease.
Targets(IC50)	Others, Autophagy

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1077 mL	10.5385 mL	21.077 mL
5 mM	0.4215 mL	2.1077 mL	4.2154 mL
10 mM	0.2108 mL	1.0539 mL	2.1077 mL
50 mM	0.0422 mL	0.2108 mL	0.4215 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

- Billes V, Kovács T, Hotzi B, Manžéger A, Tagscherer K, Komlós M, Tarnóci A, Pádár Z, Erdős A, Bjelik A, Legradi A, Gulya K, Gulyás B, Vellai T. AUTEN-67 (Autophagy Enhancer-67) Hampers the Progression of Neurodegenerative Symptoms in a Drosophila model of Huntington's Disease. *J Huntingtons Dis.* 2016 May 7;5(2):133-47. doi: 10.3233/JHD-150180. PubMed PMID: 27163946.
- Papp D, Kovács T, Billes V, Varga M, Tarnóci A, Hackler L Jr, Puskás LG, Liliom H, Tárnok K, Schlett K, Borsy A, Pádár Z, Kovács AL, Hegedűs K, Juhász G, Komlós M, Erdős A, Gulyás B, Vellai T. AUTEN-67, an autophagy-enhancing drug candidate with potent antiaging and neuroprotective effects. *Autophagy.* 2016;12(2):273-86. doi: 10.1080/15548627.2015.1082023. PubMed PMID: 26312549; PubMed Central PMCID: PMC4835959.

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