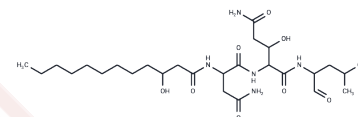


Fellutamide A

Chemical Properties

CAS No. :	138682-08-3
Formula:	C ₂₇ H ₄₉ N ₅ O ₈
Molecular Weight:	571.716
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	Fellutamide A as a tripeptide derivative from <i>Penicillium fellutanum</i> can enhance nerve growth factor (NGF) synthesis and secretion in vitro.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7491 mL	8.7455 mL	17.4911 mL
5 mM	0.3498 mL	1.7491 mL	3.4982 mL
10 mM	0.1749 mL	0.8746 mL	1.7491 mL
50 mM	0.035 mL	0.1749 mL	0.3498 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

- Pirrung MC, Zhang F, Ambadi S, Gangadhara Rao Y. Total synthesis of fellutamides, lipopeptide proteasome inhibitors. More sustainable peptide bond formation. *Org Biomol Chem*. 2016 Sep 21;14(35):8367-75. doi: 10.1039/c6ob01233g. Epub 2016 Aug 17. PubMed PMID: 27533920; PubMed Central PMCID: PMC5303010.
- Schneekloth JS Jr, Sanders JL, Hines J, Crews CM. Neurotrophic peptide aldehydes: solid phase synthesis of fellutamide B and a simplified analog. *Bioorg Med Chem Lett*. 2006 Jul 15;16(14):3855-8. Epub 2006 May 11. PubMed PMID: 16697191; PubMed Central PMCID: PMC2507734.
- Yamaguchi K, Tsuji T, Wakuri S, Yazawa K, Kondo K, Shigemori H, Kobayashi J. Stimulation of nerve growth factor synthesis and secretion by fellutamide A in vitro. *Biosci Biotechnol Biochem*. 1993 Feb;57(2):195-9. PubMed PMID: 7763492.

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