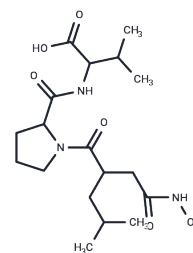


Propioxatin B

Chemical Properties

CAS No. :	102962-95-8
Formula:	C ₁₈ H ₃₁ N ₃ O ₆
Molecular Weight:	385.461
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	Propioxatin B is an enkephalinase B inhibitor isolated from actinomycete.
Targets(IC50)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5943 mL	12.9715 mL	25.943 mL
5 mM	0.5189 mL	2.5943 mL	5.1886 mL
10 mM	0.2594 mL	1.2972 mL	2.5943 mL
50 mM	0.0519 mL	0.2594 mL	0.5189 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

- Inaoka Y, Naruto S. Propioxatins A and B, new enkephalinase B inhibitors. IV. Characterization of the active site of the enzyme using synthetic propioxatin analogues. *J Biochem.* 1988 Nov;104(5):706-11. PubMed PMID: 3069842.
- Inaoka Y, Tamaoki H, Takahashi S, Enokita R, Okazaki T. Propioxatins A and B, new enkephalinase B inhibitors. I. Taxonomy, fermentation, isolation and biological properties. *J Antibiot (Tokyo).* 1986 Oct;39(10):1368-77. PubMed PMID: 3536826.
- Inaoka Y, Takahashi S, Kinoshita T. Propioxatins A and B, new enkephalinase B inhibitors. II. Structural elucidation. *J Antibiot (Tokyo).* 1986 Oct;39(10):1378-81. PubMed PMID: 3781907.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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