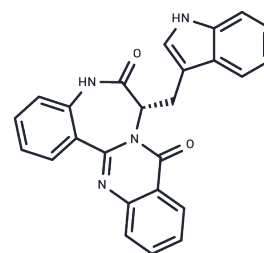


Asperlicin D

Chemical Properties

CAS No. :	93413-07-1
Formula:	C ₂₅ H ₁₈ N ₄ O ₂
Molecular Weight:	406.44
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	Asperlicin D is a cholecystokinin antagonist agent.
Targets(IC50)	Others,Cholecystokinin Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4604 mL	12.3019 mL	24.6039 mL
5 mM	0.4921 mL	2.4604 mL	4.9208 mL
10 mM	0.246 mL	1.2302 mL	2.4604 mL
50 mM	0.0492 mL	0.246 mL	0.4921 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

Gao X, Jiang W, Jiménez-Osés G, Choi MS, Houk KN, Tang Y, Walsh CT. An iterative, bimodular nonribosomal peptide synthetase that converts anthranilate and tryptophan into tetracyclic asperlicins. *Chem Biol.* 2013 Jul 25;20(7):870-8. doi: 10.1016/j.chembiol.2013.04.019. PubMed PMID: 23890005; PubMed Central PMCID: PMC3728708.

Liesch JM, Hensens OD, Zink DL, Goetz MA. Novel cholecystokinin antagonists from *Aspergillus alliaceus*. II. Structure determination of asperlicins B, C, D, and E. *J Antibiot (Tokyo).* 1988 Jul;41(7):878-81. PubMed PMID: 3417562.

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