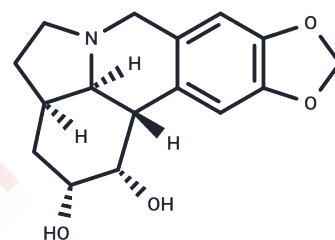


Zephyranthine

Chemical Properties

CAS No. :	2030-55-9
Formula:	C ₁₆ H ₁₉ NO ₄
Molecular Weight:	289.331
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	Zephyranthine is a biochemical.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4563 mL	17.2813 mL	34.5626 mL
5 mM	0.6913 mL	3.4563 mL	6.9125 mL
10 mM	0.3456 mL	1.7281 mL	3.4563 mL
50 mM	0.0691 mL	0.3456 mL	0.6913 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

- Chen YJ, Cai SL, Wang CC, Cheng JD, Kramer S, Sun XW. Asymmetric Total Syntheses of (-)- α -Lycorane, (-)-Zephyranthine, and Formal Synthesis of (+)-Clivonine. *Chem Asian J.* 2017 Jun 19;12(12):1309-1313. doi: 10.1002/asia.201700555. Epub 2017 May 31. PubMed PMID: 28474489.
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- Wang Q, Padwa A. Rh(I)-catalyzed ring opening of an IMDAF-derived oxabicyclo cycloadduct as the key step in the synthesis of (+/-)-epi-zephyranthine. *Org Lett.* 2004 Jun 24;6(13):2189-92. PubMed PMID: 15200317.
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