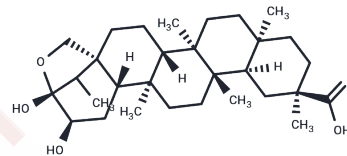


Orthosphenic acid

Chemical Properties

CAS No. :	86632-20-4
Formula:	C ₃₀ H ₄₈ O ₅
Molecular Weight:	488.7
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	Orthosphenic acid is a natural product isolated from <i>M. triflora</i> .
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 55 mg/mL (112.54 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0462 mL	10.2312 mL	20.4625 mL
5 mM	0.4092 mL	2.0462 mL	4.0925 mL
10 mM	0.2046 mL	1.0231 mL	2.0462 mL
50 mM	0.0409 mL	0.2046 mL	0.4092 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

Wang KW, Hu XL, Shen LQ, Pan YJ. [Study on triterpenes of *Microtropis triflora*]. *Zhongguo Zhong Yao Za Zhi*. 2007 Aug;32(15):1539-41. Chinese.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481