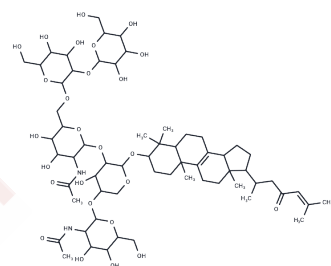


Sarasinose A1

Chemical Properties

CAS No. :	114099-54-6
Formula:	C62H100N2O26
Molecular Weight:	1289.47
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Sarasinose A1 is a triterpenoid saponin that reverses mesenchymal tumor transformation.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7755 mL	3.8776 mL	7.7551 mL
5 mM	0.1551 mL	0.7755 mL	1.551 mL
10 mM	0.0776 mL	0.3878 mL	0.7755 mL
50 mM	0.0155 mL	0.0776 mL	0.1551 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

- Austin P, Freeman SA, Gray CA, Gold MR, Vogl AW, Andersen RJ, Roberge M, Roskelley CD. The invasion inhibitor sarasinose A1 reverses mesenchymal tumor transformation in an E-cadherin-independent manner. *Mol Cancer Res.* 2013 May;11(5):530-40. doi: 10.1158/1541-7786.MCR-12-0385. Epub 2013 Feb 11. PubMed PMID: 23399642.
- Dai HF, Edrada RA, Ebel R, Nimtz M, Wray V, Proksch P. Norlanostane triterpenoidal saponins from the marine sponge melophlussarassinorum. *J Nat Prod.* 2005 Aug;68(8):1231-7. PubMed PMID: 16124767.
- Kitagawa I, Kobayashi M, Okamoto Y, Yoshikawa M, Hamamoto Y. Structures of sarasinosides A1, B1, and C1; new norlanostane-triterpenoid oligoglycosides from the Palauan marine sponge *Asteropus sarasinosum*. *Chem Pharm Bull (Tokyo).* 1987 Dec;35(12):5036-9. PubMed PMID: 3451822.

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