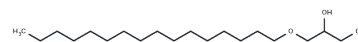


1-O-Hexadecyl-Rac-Glycerol

Chemical Properties

CAS No. :	6145-69-3
Formula:	C19H40O3
Molecular Weight:	316.52
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	1-O-Hexadecyl-Rac-Glycerol (1-O-Hexadecylglycerol) is a marine derived natural products found in Tritoniella belli.
Targets(IC50)	Others,PGE Synthase,PPAR

Solubility Information

Solubility	DMSO: 2.2 mg/mL (6.95 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	3.1594 mL	15.7968 mL	31.5936 mL
5 mM	0.6319 mL	3.1594 mL	6.3187 mL
10 mM	0.3159 mL	1.5797 mL	3.1594 mL
50 mM	0.0632 mL	0.3159 mL	0.6319 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

Mahmoud AH, Zidan SAH, Samy MN, Alian A, Abdelmohsen UR, Fouad MA, Kamel MS, Matsunami K. Cytotoxicity and chemical profiling of the Red Sea soft corals Litophyton arboreum. Nat Prod Res. 2022 Aug;36(16):4261-4265. doi: 10.1080/14786419.2021.1974437. Epub 2021 Dec 29. PMID: 34965809.

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