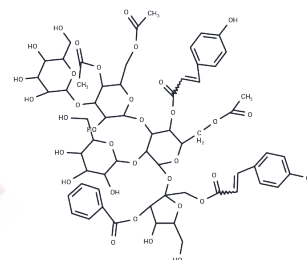


Tenuifoliose H

Chemical Properties

CAS No. :	147742-13-0
Formula:	C61H74O34
Molecular Weight:	1351.22
Storage:	Store at low temperature 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	Tenuifoliose H is a defined oligosaccharide ester compound that is extracted and purified from the roots of the medicinal plant <i>Polygala tenuifolia</i> . this natural product is primarily utilized in pharmacological research for its documented and potent anti-inflammatory and antioxidant biological activities, which are studied in various in vitro and in vivo model systems.
Targets(IC50)	Antioxidant

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7401 mL	3.7004 mL	7.4007 mL
5 mM	0.148 mL	0.7401 mL	1.4801 mL
10 mM	0.074 mL	0.370 mL	0.7401 mL
50 mM	0.0148 mL	0.074 mL	0.148 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

Jiang Y, et al. Tenuifoliose Q, a new oligosaccharide ester from the root of *Polygala tenuifolia* Willd. *J Asian Nat Prod Res.* 2003 Dec;5(4):279-83.

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