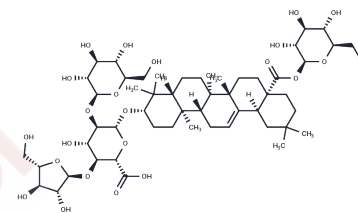


Tarasaponin IV

Chemical Properties

CAS No. :	156980-31-3
Formula:	C ₅₃ H ₈₄ O ₂₃
Molecular Weight:	1089.232
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	Tarasaponin IV, an oleanane-type triterpene saponin, is derived from the bark of <i>Aralia elata</i> and holds potential for cancer research.
Targets(IC50)	Others
In vitro	Tarasaponin IV, at concentrations ranging from 0.1 to 10 μ M applied for one hour on HepG2 cells, effectively inhibits NF- κ B transcriptional activation when these cells are stimulated with TNF α [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9181 mL	4.5904 mL	9.1808 mL
5 mM	0.1836 mL	0.9181 mL	1.8362 mL
10 mM	0.0918 mL	0.459 mL	0.9181 mL
50 mM	0.0184 mL	0.0918 mL	0.1836 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

Nhiem NX, et al. Oleanane-type triterpene saponins from the bark of *Aralia elata* and their NF- κ B inhibition and PPAR activation signal pathway. *Bioorg Med Chem Lett*. 2011;21(20):6143-6147.

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