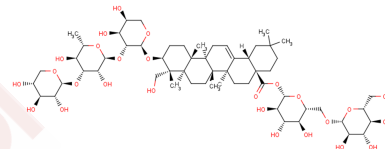


fulvotomentoside A

Chemical Properties

CAS No. :	150107-44-1
Formula:	C58H94O26
Molecular Weight:	1207.35
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	Fulvotomentoside A could decrease overexpression of IL-6 and IL-17A, and increase the expression of specific transcription factor Foxp3 of regulatory T cells significantly in intestine. It may be one of the mechanisms that Ful improved intestinal inflammation.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 12.08 mg/mL (10.01 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	0.8283 mL	4.1413 mL	8.2826 mL
5 mM	0.1657 mL	0.8283 mL	1.6565 mL
10 mM	0.0828 mL	0.4141 mL	0.8283 mL
50 mM	0.0166 mL	0.0828 mL	0.1657 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

Bai F, Li HQ. [Effects of fulvotomentoside on inflammatory factors and antiinflammatory factors in intestine of ovalbumin-sensitized BALB/c mice]. Zhonghua Er Ke Za Zhi. 2010 Jul;48(7):520-5. Chinese. PMID: 21055089.

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