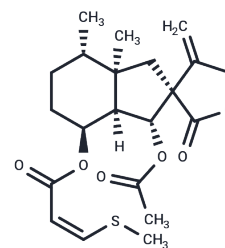


Bakkenolide D

Chemical Properties

CAS No. :	18456-03-6
Formula:	C ₂₁ H ₂₈ O ₆ S
Molecular Weight:	408.51
Storage:	Keep away from moisture, 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	Bakkenolide D is the core primary product of bakkenolide-type constituents in <i>Petasites tricholobus</i> . Such bakkenolide compounds exhibit anti-allergic activity and can be used in studies on the mechanisms and interventions of allergic rhinitis.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4479 mL	12.2396 mL	24.4792 mL
5 mM	0.4896 mL	2.4479 mL	4.8958 mL
10 mM	0.2448 mL	1.224 mL	2.4479 mL
50 mM	0.049 mL	0.2448 mL	0.4896 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

Zhang FJ, et al. Anti-allergic effects of total bakkenolides from *Petasites tricholobus* in ovalbumin-sensitized rats. *Phytother Res.* 2011 Jan;25(1):116-21.

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