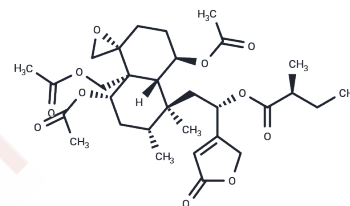


Ajugamacrin B

Chemical Properties

CAS No. :	123313-59-7
Formula:	C ₃₁ H ₄₄ O ₁₁
Molecular Weight:	592.68
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	Ajugamacrin B is a neo-clerodane diterpenoid and a natural bioactive component from <i>Ajuga decumbens</i> . It inhibits LPS-induced pro-inflammatory cytokine expression, used in inflammation and immune research.
Targets(IC50)	Immunology/Inflammation related

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6873 mL	8.4363 mL	16.8725 mL
5 mM	0.3375 mL	1.6873 mL	3.3745 mL
10 mM	0.1687 mL	0.8436 mL	1.6873 mL
50 mM	0.0337 mL	0.1687 mL	0.3375 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

Kadam, Hari K.; Tetrahedron Letters, (2013), 54(8), 1003-1007, CAplus

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