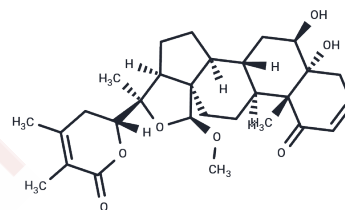


Withaphysalin R

Chemical Properties

CAS No. : 949172-12-7
 Formula: C₂₉H₄₀O₇
 Molecular Weight: 500.62
 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	Withaphysalin R (compound 5), a withanolide derived from the Solanaceae family, possesses an ergosterol-based steroid ester structure. This compound exhibits notable activities such as cytotoxic, immunosuppressive, antitumor, anti-inflammatory, anticonvulsive, and antioxidant effects [1].
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9975 mL	9.9876 mL	19.9752 mL
5 mM	0.3995 mL	1.9975 mL	3.995 mL
10 mM	0.1998 mL	0.9988 mL	1.9975 mL
50 mM	0.040 mL	0.1998 mL	0.3995 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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