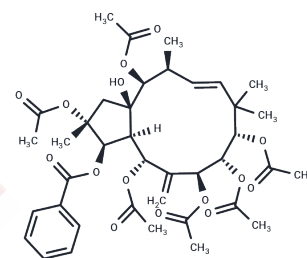


Jatrophane 2

Chemical Properties

CAS No. :	210108-86-4
Formula:	C39H50O15
Molecular Weight:	758.814
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	2,5,7,8,9,14-Hexaacetoxy-3-benzoyloxy-15-hydroxyjatropha-6(17),11E-diene (Jatrophane 2) exhibits significant antifeedant activity against a generalist plant-feeding insect, the cotton bollworm (<i>Helicoverpa armigera</i>). Jatrophane 2 also demonstrates the most powerful inhibition of P-gp, higher than R(+)-verapamil and tariquidar in colorectal multi-drug resistant (MDR) cells (DLD1-TxR).
Targets(IC50)	Antifection,P-gp

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3179 mL	6.5893 mL	13.1785 mL
5 mM	0.2636 mL	1.3179 mL	2.6357 mL
10 mM	0.1318 mL	0.6589 mL	1.3179 mL
50 mM	0.0264 mL	0.1318 mL	0.2636 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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