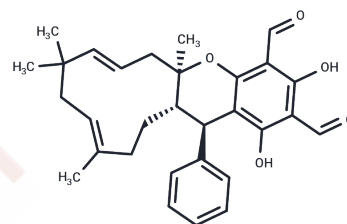


Guajadial B

Chemical Properties

CAS No. :	1414455-03-0
Formula:	C ₃₀ H ₃₄ O ₅
Molecular Weight:	474.597
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	Guajadial B acts as a Top1 catalytic inhibitor and delays Top1 poison-mediated DNA damage. Guajadial B shows cytotoxicities against five human cancer cell lines, it is the most effective having an IC ₅₀ value of 150 nM toward A549 cells.
Targets(IC ₅₀)	Topoisomerase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.107 mL	10.5352 mL	21.0704 mL
5 mM	0.4214 mL	2.107 mL	4.2141 mL
10 mM	0.2107 mL	1.0535 mL	2.107 mL
50 mM	0.0421 mL	0.2107 mL	0.4214 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481