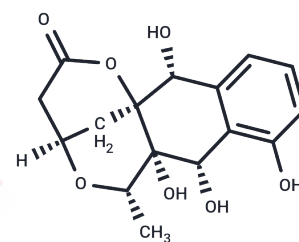


Luisol A

Chemical Properties

CAS No. :	225110-59-8
Formula:	C ₁₆ H ₁₈ O ₇
Molecular Weight:	322.31
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	Luisol A, an aromatic tetraol and anthraquinone antibiotic analog, serves as a significant metabolite produced by an estuarine marine actinomycete from the genus Streptomyces. Additionally, it functions as an ADC (Antibody-Drug Conjugate) cytotoxin [1].
Targets(IC50)	Antibiotic,ADC Cytotoxin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1026 mL	15.513 mL	31.026 mL
5 mM	0.6205 mL	3.1026 mL	6.2052 mL
10 mM	0.3103 mL	1.5513 mL	3.1026 mL
50 mM	0.0621 mL	0.3103 mL	0.6205 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