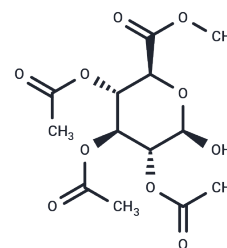


2,3,4-Tri-O-acetyl-β-D-Glucuronide methyl ester

Chemical Properties

CAS No. :	73464-50-3
Formula:	C ₁₃ H ₁₈ O ₁₀
Molecular Weight:	334.28
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	2,3,4-Tri-O-acetyl-β-D-glucuronide methyl ester is a synthetic intermediate in the synthesis of prodrug forms of the antitumor antibiotic daunomycin .1
Targets(IC50)	Others

Solubility Information

Solubility	DMF: 15 mg/mL (44.87 mM),Sonication is recommended. PBS (pH 7.2): 2 mg/mL (5.98 mM),Sonication is recommended. DMSO: 10 mg/mL (29.92 mM),Sonication is recommended. Ethanol: 15 mg/mL (44.87 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9915 mL	14.9575 mL	29.915 mL
5 mM	0.5983 mL	2.9915 mL	5.983 mL
10 mM	0.2992 mL	1.4958 mL	2.9915 mL
50 mM	0.0598 mL	0.2992 mL	0.5983 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

Leenders, R.G.G., and Scheeren, H.W.Synthesis and evaluation of novel daunomycin-phosphate-sulfate-β-glucuronide and -β-glucoside prodrugs for application in ADEPTBioorg. Med. Chem. Lett.5(24)2975-2980(1995)

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