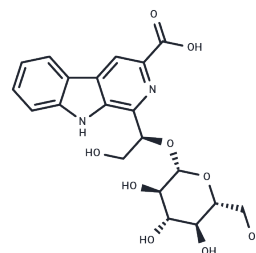


Glucodichotomine B

Chemical Properties

CAS No. :	845673-16-7
Formula:	C ₂₀ H ₂₂ N ₂ O ₉
Molecular Weight:	434.4
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	Glucodichotomine B (Compound 13), a natural product extracted from the roots of the Chinese medicinal plant <i>Stellaria dichotoma</i> L. var. <i>lanceolata</i> , exhibits antitumor activity [1].
Targets(IC50)	Others
In vitro	Glucodichotomine B (Compound 13) demonstrates cytotoxic activity against HCT116 and SMMC7721 cells, with IC ₅₀ values reported at 50 μM.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.302 mL	11.5101 mL	23.0203 mL
5 mM	0.4604 mL	2.302 mL	4.6041 mL
10 mM	0.2302 mL	1.151 mL	2.302 mL
50 mM	0.046 mL	0.2302 mL	0.4604 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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