

Pixinol

Chemical Properties

CAS No. :	162062-88-6
Formula:	C30H52O4
Molecular Weight:	476.73
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	Pixinol is a natural glycoside compound that exhibits cytotoxic effects on human lung carcinoma GLC4 and adenocarcinoma COLO 320 cell lines, with IC50 values of 71 μ M and 43 μ M, respectively. Pixinol is utilized in cancer cell biology research focused on cytotoxicity profiling, tumor cell susceptibility assessment, and natural product-derived compound screening in lung and colorectal carcinoma model systems.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0976 mL	10.4881 mL	20.9762 mL
5 mM	0.4195 mL	2.0976 mL	4.1952 mL
10 mM	0.2098 mL	1.0488 mL	2.0976 mL
50 mM	0.042 mL	0.2098 mL	0.4195 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

Atopkina LN, et al. Cytotoxicity of natural ginseng glycosides and semisynthetic analogues. *Planta Med.* 1999;65(1):30-34.

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