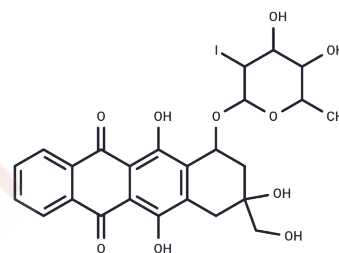


Moflomycin

Chemical Properties

CAS No. :	107430-03-5
Formula:	C ₂₅ H ₂₅ O ₁₀
Molecular Weight:	612.36
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	Moflomycin is an anthracycline derivative. It exhibits a higher antileukemic activity compared to other anthracyclines.
Targets(IC50)	Others, Topoisomerase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.633 mL	8.1651 mL	16.3303 mL
5 mM	0.3266 mL	1.633 mL	3.2661 mL
10 mM	0.1633 mL	0.8165 mL	1.633 mL
50 mM	0.0327 mL	0.1633 mL	0.3266 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

- Andrivon W, Monneret C, Nafziger J, Florent JC, Guillosson JJ. A new anthracycline with potent anti-leukemic activity overcomes P-glycoprotein multidrug resistance. *Leuk Res.* 1998 Aug;22(8):719-25. PubMed PMID: 9680099.
- Andrivon W, Callais F, Nafziger J, Monneret C, Guillosson JJ. A new anthracycline with potent antileukemic activity exhibits reduced mutagenicity. *Mutat Res.* 1995 Oct;344(3-4):135-40. PubMed PMID: 7491131.
- Florent JC, Genot A, Monneret C. Synthesis and antitumor activity of new anthracyclines. *J Antibiot (Tokyo).* 1989 Dec;42(12):1823-30. Erratum in: *J Antibiot (Tokyo)* 1990 Mar;43(3):C-1. PubMed PMID: 2621164.
- Nafziger J, Auclair C, Florent JC, Guillosson JJ, Monneret C. Pharmacological and physicochemical properties of a new anthracycline with potent antileukemic activity. *Leuk Res.* 1991;15(8):709-13. PubMed PMID: 1654481.

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