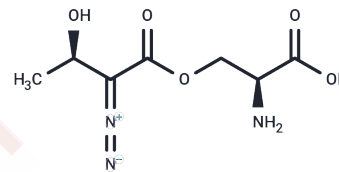


Thrazarine

Chemical Properties

CAS No. :	120128-14-5
Formula:	C7H11N3O5
Molecular Weight:	217.18
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	Thrazarine is a new antitumor antibiotic agent produced by Streptomyces coeruleus MH802-fF5.
Targets(IC50)	Others,Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.6045 mL	23.0224 mL	46.0448 mL
5 mM	0.9209 mL	4.6045 mL	9.209 mL
10 mM	0.4604 mL	2.3022 mL	4.6045 mL
50 mM	0.0921 mL	0.4604 mL	0.9209 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

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Takahashi A, Nakamura H, Ikeda D, Naganawa H, Kameyama T, Kurasawa S, Okami Y, Takeuchi T, Iitaka Y. Thrazarine, a new antitumor antibiotic. II. Physico-chemical properties and structure determination. J Antibiot (Tokyo). 1988 Nov;41(11):1568-74. PubMed PMID: 3143705.

Nishimura M, Nakada H, Takase S, Katayama A, Goto T, Tanaka H, Hashimoto M. A new antitumor antibiotic, FR900840. II. Structural elucidation of FR900840. J Antibiot (Tokyo). 1989 Apr;42(4):549-52. PubMed PMID: 2498270.

Nishimura M, Nakada H, Nakajima H, Hori Y, Ezaki M, Goto T, Okuhara M. A new antitumor antibiotic, FR900840. I. Discovery, identification, isolation and characterization. J Antibiot (Tokyo). 1989 Apr;42(4):542-8. PubMed PMID: 2498269.

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