

PD 124895

Chemical Properties

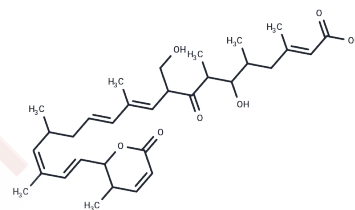
CAS No. : 107140-30-7

Formula: C32H46O7

Molecular Weight: 542.70

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	PD 124895 is an antitumor antibiotic isolated from the fermentation broth of <i>Streptomyces</i> sp.
Targets(IC50)	Others,Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8426 mL	9.2132 mL	18.4264 mL
5 mM	0.3685 mL	1.8426 mL	3.6853 mL
10 mM	0.1843 mL	0.9213 mL	1.8426 mL
50 mM	0.0369 mL	0.1843 mL	0.3685 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

- Hurley TR, Bunge RH, Willmer NE, Hokanson GC, French JC. PD 124,895 and PD 124,966, two new antitumor antibiotics. *J Antibiot (Tokyo)*. 1986 Dec;39(12):1651-6. PubMed PMID: 3818438.
- Funaishi K, Kawamura K, Sugiura Y, Nakahori N, Yoshida E, Okanishi M, Umezawa I, Funayama S, Komiyama K. Kazusamycin B, a novel antitumor antibiotic. *J Antibiot (Tokyo)*. 1987 Jun;40(6):778-85. PubMed PMID: 3610834.
- Umezawa I, Komiyama K. [Studies on the new antibiotic kazusamycin and related substances]. *Gan To Kagaku Ryoho*. 1987 Mar;14(3 Pt 2):858-64. Japanese. PubMed PMID: 3105461.
- Takamiya K, Yoshida E, Takahashi T, Okura A, Okanishi M, Komiyama K, Umezawa I. The effect of kazusamycin B on the cell cycle and morphology of cultured L1210 cells. *J Antibiot (Tokyo)*. 1988 Dec;41(12):1854-61. PubMed PMID: 3209477.

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