

Omtriptolide sodium

Chemical Properties

CAS No. :	195883-09-1
Formula:	C ₂₄ H ₂₈ NaO ₉
Molecular Weight:	483.469
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	Omtriptolide sodium is a biochemical.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0684 mL	10.3419 mL	20.6838 mL
5 mM	0.4137 mL	2.0684 mL	4.1368 mL
10 mM	0.2068 mL	1.0342 mL	2.0684 mL
50 mM	0.0414 mL	0.2068 mL	0.4137 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

Kim HJ, Ravichandran K, Ozkok A, Wang Q, He Z, Jani A, Ljubanovic D, Douglas IS, Edelstein CL. The water-soluble triptolide derivative PG490-88 protects against cisplatin-induced acute kidney injury. *J Pharmacol Exp Ther*. 2014 Jun;349(3):518-25. doi: 10.1124/jpet.114.213769. Epub 2014 Apr 11. PubMed PMID: 24727856.

Fidler JM, Li K, Chung C, Wei K, Ross JA, Gao M, Rosen GD. PG490-88, a derivative of triptolide, causes tumor regression and sensitizes tumors to chemotherapy. *Mol Cancer Ther*. 2003 Sep;2(9):855-62. PubMed PMID: 14555704.

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