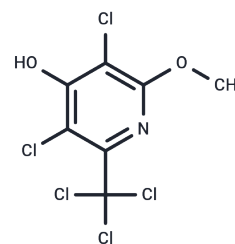


DMPEN

Chemical Properties

CAS No. :	176046-79-0
Formula:	C7H4Cl5NO2
Molecular Weight:	311.38
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	DMPEN (NSC 682691) (4-Demethylpenclomedine) is a metabolite of the alkylating agent Penclomedine. It exhibits antitumor activity and does not induce Purkinje cell loss or significant cerebellar neurotoxicity in rat cerebellum models. DMPEN is applicable in cancer research, including studies on breast and brain cancer.
Targets(IC50)	Drug Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2115 mL	16.0576 mL	32.1151 mL
5 mM	0.6423 mL	3.2115 mL	6.423 mL
10 mM	0.3212 mL	1.6058 mL	3.2115 mL
50 mM	0.0642 mL	0.3212 mL	0.6423 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481