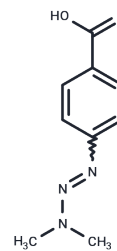


CB10-277

Chemical Properties

CAS No. : 7203-91-0
 Formula: C₉H₁₁N₃O₂
 Molecular Weight: 193.2
 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	CB10-277 is a synthetic derivative of dimethylphenyl-triazene related to dacarbazine, with antineoplastic properties. Related to the agent dacarbazine, CB10-277 is converted in vivo to a monomethyl triazene form that alkylates DNA, resulting in inhibition of DNA replication and repair; in addition, this agent may act as a purine analogue, resulting in inhibition of DNA synthesis, and may interact with protein sulfhydryl groups.
Targets(IC50)	Nucleoside Antimetabolite/Analog,Others,DNA Alkylator/Crosslinker

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.176 mL	25.8799 mL	51.7598 mL
5 mM	1.0352 mL	5.176 mL	10.352 mL
10 mM	0.5176 mL	2.588 mL	5.176 mL
50 mM	0.1035 mL	0.5176 mL	1.0352 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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