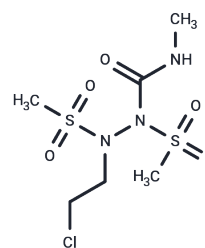


Laromustine

Chemical Properties

CAS No. :	173424-77-6
Formula:	C ₆ H ₁₄ ClN ₃ O ₅ S ₂
Molecular Weight:	307.78
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Laromustine is a sulfonyl hydrazine prodrug with antineoplastic activity. Laromustine releases the DNA chloroethylating agent 90CE after entering the blood stream; 90CE chloroethylates alkylates the O6 position of guanine, resulting in DNA crosslinking, strand breaks, chromosomal aberrations, and disruption of DNA synthesis. Intracellular metabolism of this agent also releases methyl isocyanate which inhibits O6-alkyl-guanine transferase, an enzyme involved with DNA repair.
-------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2491 mL	16.2454 mL	32.4907 mL
5 mM	0.6498 mL	3.2491 mL	6.4981 mL
10 mM	0.3249 mL	1.6245 mL	3.2491 mL
50 mM	0.065 mL	0.3249 mL	0.6498 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481