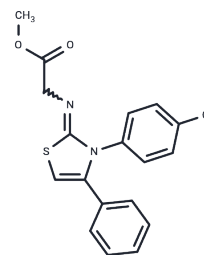


Anticancer agent 122

Chemical Properties

CAS No. :	2924532-50-1
Formula:	C ₁₈ H ₁₅ ClN ₂ O ₂ S
Molecular Weight:	358.84
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	Anticancer agent 122, a potent inhibitor of human lactate dehydrogenase A (h LDHA), exhibits significant anticancer activities, rendering it suitable for use in cancer research [1].
Targets(IC50)	Others,Dehydrogenase
In vitro	Anticancer agent 122 (Compound 8m) inhibits the growth of liver cancer cells (HepG2) and cervical cancer cells (SiHa) with IC50 values of 5.15 μ M and 1.65 μ M, respectively, at concentrations of 0-100 μ M over 72 hours, and shows no significant toxicity toward the human embryonic kidney cell line (HEK293) [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7868 mL	13.9338 mL	27.8676 mL
5 mM	0.5574 mL	2.7868 mL	5.5735 mL
10 mM	0.2787 mL	1.3934 mL	2.7868 mL
50 mM	0.0557 mL	0.2787 mL	0.5574 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

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:34 Washington Street,Wellesley Hills,MA 02481