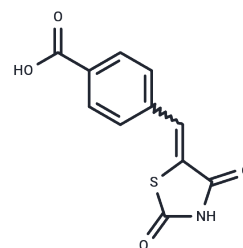


4-[(2,4-dioxo-1,3-thiazolidin-5-ylidene)methyl]benzoic acid

Chemical Properties

CAS No. :	199167-79-8
Formula:	C ₁₁ H ₇ N ₁ O ₄ S
Molecular Weight:	249.24
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	4-[(2,4-dioxo-1,3-thiazolidin-5-ylidene)methyl]benzoic acid is a synthetic compound with potent antitumor activity, high efficiency and selectivity against tumor cells. However, it has poor solubility in water and is potentially toxic at high concentrations.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 50 mg/mL (200.61 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0122 mL	20.061 mL	40.122 mL
5 mM	0.8024 mL	4.0122 mL	8.0244 mL
10 mM	0.4012 mL	2.0061 mL	4.0122 mL
50 mM	0.0802 mL	0.4012 mL	0.8024 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