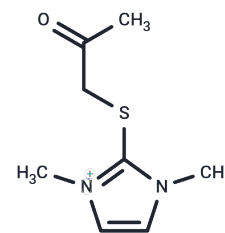


TG-2-IN-1

Chemical Properties

CAS No. : 135273-74-4
 Formula: C₈H₁₃ClN₂O₂S
 Molecular Weight: 220.72
 Storage: Powder: -20°C for 3 years
 Actual storage temperature shall be subject to the COA.

Cl⁻

Biological Description

Description	TG-2-IN-1 is a potent transglutaminase-2 (TGM-2) inhibitor. TG-2-IN-1 is used in the study of cancer, neurological disorders, and immune system disorders.
Targets(IC50)	Others, Glutaminase

Solubility Information

Solubility	H ₂ O: 80 mg/mL (362.45 mM), Sonication is recommended. DMSO: 20 mg/mL (90.61 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.5306 mL	22.6531 mL	45.3063 mL
5 mM	0.9061 mL	4.5306 mL	9.0613 mL
10 mM	0.4531 mL	2.2653 mL	4.5306 mL
50 mM	0.0906 mL	0.4531 mL	0.9061 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.

Reference

Roger W. Beuerman, et al. Transglutaminase-2 inhibitors and uses thereof. US20140050779A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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

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