

Pro-GA

Chemical Properties

CAS No. : 2222067-12-9

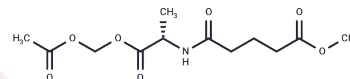
Formula: C₁₂H₁₉N₁O₇

Molecular Weight: 289.28

Storage: Store at low temperature

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	Pro-GA is a cell-permeable γ -glutamylcyclotransferase (γ -GGCT) inhibitor that exhibits dose-dependent inhibition of proliferation in multiple bladder cancer cell lines. It demonstrates antitumour activity with an IC ₅₀ of 57 μ M against T24 cells.
Targets(IC ₅₀)	Ferroptosis, Transferase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4569 mL	17.2843 mL	34.5686 mL
5 mM	0.6914 mL	3.4569 mL	6.9137 mL
10 mM	0.3457 mL	1.7284 mL	3.4569 mL
50 mM	0.0691 mL	0.3457 mL	0.6914 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

Hanada E, et al. Pro-GA, a Novel Inhibitor of γ -Glutamylcyclotransferase, Suppresses Human Bladder Cancer Cell Growth. *Anticancer Res.* 2019 Apr;39(4):1893-1898.

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