

malonyl-NAC

Chemical Properties

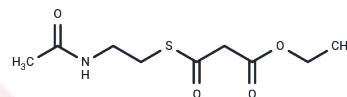
CAS No. : 2361327-06-0

Formula: C₉H₁₅NO₄S

Molecular Weight: 233.28

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	Malonyl-NAC increases cellular propylation, reducing endogenous GAPDH activity, increases GAPDH malonylation in cells, and inhibits pyruvate kinase activity. Additionally, malonyl-NAC limits the metabolism and proliferation of a highly glycolytic kidney cancer cell line harboring a tricarboxylic acid cycle mutation [1].
Targets(IC50)	Others,PKM

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.2867 mL	21.4335 mL	42.8669 mL
5 mM	0.8573 mL	4.2867 mL	8.5734 mL
10 mM	0.4287 mL	2.1433 mL	4.2867 mL
50 mM	0.0857 mL	0.4287 mL	0.8573 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