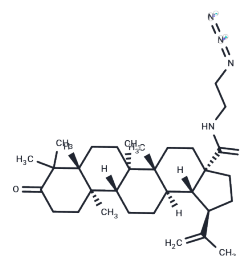


N-(2-Azidoethyl)betulonamide

Chemical Properties

CAS No. :	2055270-64-7
Formula:	C ₃₂ H ₅₀ N ₄ O ₂
Molecular Weight:	522.778
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	N-(2-Azidoethyl)betulonamide is a pentacyclic triterpenoid, a derivative of betulonic acid, and an intermediate in the synthesis of betulonic acid derivatives within vitrocancer cell cytotoxicity.1
Targets(IC50)	Others

Solubility Information

Solubility	Chloroform: 10 mg/mL (19.13 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9129 mL	9.5643 mL	19.1285 mL
5 mM	0.3826 mL	1.9129 mL	3.8257 mL
10 mM	0.1913 mL	0.9564 mL	1.9129 mL
50 mM	0.0383 mL	0.1913 mL	0.3826 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

Suman, P., Patel, A., Solano, L., et al. Synthesis and cytotoxicity of Baylis-Hillman template derived betulonic acid-triazole conjugates Tetrahedron 73(29)4214-4226(2017)

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