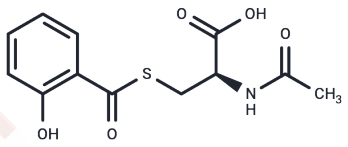
Data Sheet (Cat.No.T24755)

TargetMol

Salnacedin

Chemical Properties



CAS No. : 87573-01-1

Formula: C12H13NO5S

Molecular Weight: 283.3

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	Salnacedin (G-201) is a small molecule compound used in the treatment of immune system disorders, skin and musculoskeletal disorders, and can be used in studies of acne vulgaris, dermatitis and psoriasis.
Targets(IC50)	Others,Drug Metabolite

Solubility Information

Solubility	DMSO: 55 mg/mL (194.14 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5298 mL	17.6491 mL	35.2983 mL
5 mM	0.706 mL	3.5298 mL	7.0597 mL
10 mM	0.353 mL	1.7649 mL	3.5298 mL
50 mM	0.0706 mL	0.353 mL	0.706 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

Aubert C, et al. Characterization of the cytochromes C from Desulfovibrio desulfuricans G20Biochem Biophys Res Commun. 1998;242(1):213-218.
Ekanayake DM , et al. Nonheme iron-thiolate complexes as structural models of sulfoxide synthase active sites. Dalton Trans. 2020;49(48):17745-17757.
Krommenhoek PJ, et al. Bulky adamantanethiolate and cyclohexanethiolate ligands favor smaller gold nanoparticles with altered discrete sizes. ACS Nano. 2012;6(6):4903-4911.

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481