

afi-FSP1-1

Chemical Properties

CAS No. : 3072951-35-7
Formula: C₂₅H₂₈N₄O₂
Molecular Weight: 416.53
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	The compound afi-FSP1-1 is an inhibitor of ferroptosis suppressor protein 1 (FSP1) with a K_i of 0.283 μ M. It exhibits excellent binding affinity to FSP1-FAD-NAD ⁺ and can induce ferroptosis in cancer cells. afi-FSP1-1 is applicable for cancer research.
Targets(IC50)	Ferroptosis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4008 mL	12.0039 mL	24.0079 mL
5 mM	0.4802 mL	2.4008 mL	4.8016 mL
10 mM	0.2401 mL	1.2004 mL	2.4008 mL
50 mM	0.048 mL	0.2401 mL	0.4802 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