

GPX4-IN-16

Chemical Properties

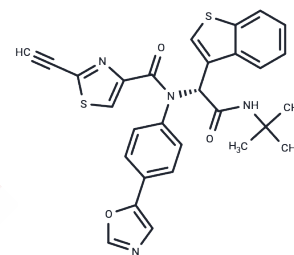
CAS No. :

Formula: C₂₉H₂₄N₄O₃S₂

Molecular Weight: 540.656

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	GPX4-IN-16 ((R)-9i) is a potent inhibitor of GPX4 with a KD value of 20.4 nM, exhibiting cytotoxic properties and anticancer activity.
Targets(IC50)	Glutathione Peroxidase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8496 mL	9.248 mL	18.4959 mL
5 mM	0.3699 mL	1.8496 mL	3.6992 mL
10 mM	0.185 mL	0.9248 mL	1.8496 mL
50 mM	0.037 mL	0.185 mL	0.3699 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

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