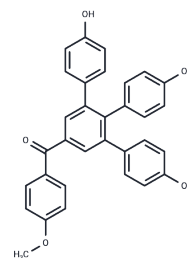


SelB-1

Chemical Properties

CAS No. :	2674058-66-1
Formula:	C32H24O5
Molecular Weight:	488.53
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	SelB-1 acts as a dual inhibitor of Topoisomerase I/II (Topoisomerase I/II), exhibiting anticancer activity suitable for research on prostate and colon cancers. Additionally, SelB-1 can induce the expression of autophagy (autophagy) genes and lipid peroxidation while reducing GSH levels.
Targets(IC50)	Glutathione Peroxidase, Autophagy, Topoisomerase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.047 mL	10.2348 mL	20.4696 mL
5 mM	0.4094 mL	2.047 mL	4.0939 mL
10 mM	0.2047 mL	1.0235 mL	2.047 mL
50 mM	0.0409 mL	0.2047 mL	0.4094 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