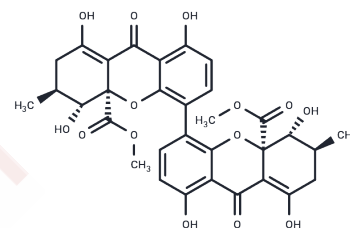


4,4'-Secalonic acid D

Chemical Properties

CAS No. :	2265910-52-7
Formula:	C32H30O14
Molecular Weight:	638.572
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	4,4'-Secalonic acid D (Compound 12) is a PARP1 inhibitor. By inhibiting PARP1, 4,4'-Secalonic acid D induces the accumulation of ROS and DNA damage, activating the caspase-3/GSDME pathway, which leads to tumor cell apoptosis (apoptosis) and pyroptosis (pyroptosis). It exhibits antitumor activity.
Targets(IC50)	Apoptosis, Reactive Oxygen Species, Caspase, Pyroptosis, PARP

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.566 mL	7.830 mL	15.660 mL
5 mM	0.3132 mL	1.566 mL	3.132 mL
10 mM	0.1566 mL	0.783 mL	1.566 mL
50 mM	0.0313 mL	0.1566 mL	0.3132 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