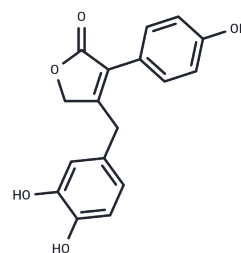


Ferroptosis-IN-15

Chemical Properties

CAS No. :	1260669-24-6
Formula:	C17H14O5
Molecular Weight:	298.29
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	Ferroptosis-IN-15 (compound 12) serves as an effective inhibitor of ferroptosis, exhibiting EC50 values of 0.76 μ M and 0.67 μ M in A375 cells and 786-O cells, respectively. It acts as a potential iron chelator and radical-scavenging antioxidant.
Targets(IC50)	Ferroptosis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3524 mL	16.7622 mL	33.5244 mL
5 mM	0.6705 mL	3.3524 mL	6.7049 mL
10 mM	0.3352 mL	1.6762 mL	3.3524 mL
50 mM	0.067 mL	0.3352 mL	0.6705 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