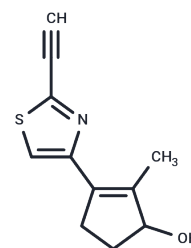


Cetzole

Chemical Properties

CAS No. :	3043764-86-6
Formula:	C11H11NOS
Molecular Weight:	205.28
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	Cetzole (Compound 1) acts as an inducer of ferroptosis (iron-dependent cell death) through the accumulation of ROS, leading to cell death. The compound exhibits varying half-maximal cytotoxic concentrations (CC50) against several cell lines: 2.56 μM in NCI-H522, 10.31 μM in NCI-H522 GFP-SCL7A11 #8, 2.71 μM in NCI-H522 RV-GFP, 3.07 μM in HT-1080, 14.9 μM in NARF2, and 6.28 μM in MDA-MB-231. This highlights Cetzole's potential for research in cancer therapeutics.
Targets(IC50)	Ferroptosis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.8714 mL	24.357 mL	48.714 mL
5 mM	0.9743 mL	4.8714 mL	9.7428 mL
10 mM	0.4871 mL	2.4357 mL	4.8714 mL
50 mM	0.0974 mL	0.4871 mL	0.9743 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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