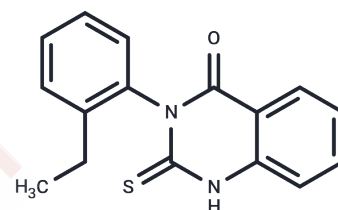


Thioxodihydroquinazolinone-19

Chemical Properties

CAS No. : 177951-34-7
 Formula: C₁₆H₁₄N₂O₂S
 Molecular Weight: 282.36
 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	In platinum-resistant A2780cis human ovarian cancer cells, thioxodihydroquinazolinone-19 is an inducer of apoptotic cell death. It acts by exhibiting a strong inhibitory effect in ovarian CSC-LCs in combination with cisplatin.
Targets(IC50)	Apoptosis,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5416 mL	17.7079 mL	35.4158 mL
5 mM	0.7083 mL	3.5416 mL	7.0832 mL
10 mM	0.3542 mL	1.7708 mL	3.5416 mL
50 mM	0.0708 mL	0.3542 mL	0.7083 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.

Reference

Ma J, Salamoun J, Wipf P, Edwards R, Van Houten B, Qian W. Combination of a thioxodihydroquinazolinone with cisplatin eliminates ovarian cancer stem cell-like cells (CSC-LCs) and shows preclinical potential. *Oncotarget*. 2017 Dec 26;9(5):6042-6054. doi: 10.18632/oncotarget.23679. eCollection 2018 Jan 19. PubMed PMID: 29464053; PubMed Central PMCID: PMC5814193.

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