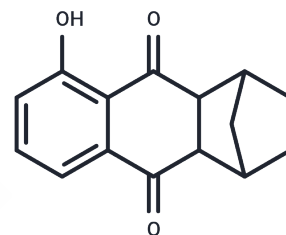


ATD-3169

Chemical Properties

CAS No. : 1788105-63-4
 Formula: C₁₅H₁₄O₃
 Molecular Weight: 242.27
 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	ATD-3169 is a ROS generator with antibacterial activity.
Targets(IC50)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1276 mL	20.6381 mL	41.2763 mL
5 mM	0.8255 mL	4.1276 mL	8.2553 mL
10 mM	0.4128 mL	2.0638 mL	4.1276 mL
50 mM	0.0826 mL	0.4128 mL	0.8255 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

Tyagi P, Dharmaraja AT, Bhaskar A, Chakrapani H, Singh A. Mycobacterium tuberculosis has diminished capacity to counteract redox stress induced by elevated levels of endogenous superoxide. Free Radic Biol Med. 2015 Jul;84: 344-54. doi: 10.1016/j.freeradbiomed.2015.03.008. PubMed PMID: 25819161; PubMed Central PMCID: PMC4459714.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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