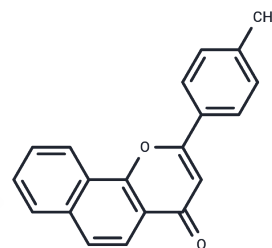


BRD56491

Chemical Properties

CAS No. : 14756-26-4
 Formula: C₂₀H₁₄O₂
 Molecular Weight: 286.32
 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	BRD56491 is a small molecule ROS enhancer and a bioprobe for the detection of cancer.
Targets(IC50)	ROS

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4926 mL	17.463 mL	34.926 mL
5 mM	0.6985 mL	3.4926 mL	6.9852 mL
10 mM	0.3493 mL	1.7463 mL	3.4926 mL
50 mM	0.0699 mL	0.3493 mL	0.6985 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

Adams DJ, Boskovic ZV, Theriault JR, Wang AJ, Stern AM, Wagner BK, Shamji AF, Schreiber SL. Discovery of small-molecule enhancers of reactive oxygen species that are nontoxic or cause genotype-selective cell death. ACS Chem Biol. 2013 May 17;8(5):923-9.

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