

photoCORM-1

Chemical Properties

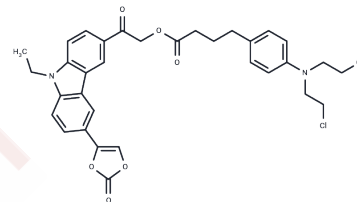
CAS No. :

Formula: C33H32Cl2N2O6

Molecular Weight: 623.52

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	photoCORM-1 is a combinatorial carbon monoxide releasing molecule (CORM). photoCORM-1 exhibits good cellular uptake and real-time monitoring ability of CO uncaging by a color change approach. photoCORM-1 has anti-tumor activity .
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6038 mL	8.019 mL	16.038 mL
5 mM	0.3208 mL	1.6038 mL	3.2076 mL
10 mM	0.1604 mL	0.8019 mL	1.6038 mL
50 mM	0.0321 mL	0.1604 mL	0.3208 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

Venkatesh Y, et al. One- and Two-Photon Uncaging of Carbon Monoxide (CO) with Real-Time Monitoring: On-Demand Carbazole-Based Dual CO-Releasing Platform to Test over Single and Combinatorial Approaches for the Efficient Regression of Orthotopic Murine Melanoma In Vivo. J Med Chem. 2022 Feb 10;65(3):1822-1834.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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