

Dual photoCORM 1

Chemical Properties

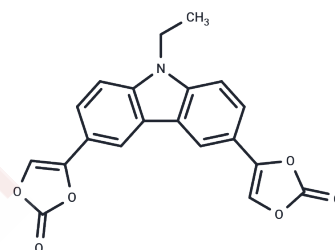
CAS No. : 2892235-55-9

Formula: C₂₀H₁₃N₃O₆

Molecular Weight: 363.32

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	Dual photoCORM 1 (compound 5), a metal-free, photoactive, dual carbon monoxide releasing molecule (CORM), demonstrates efficient cellular uptake and enables real-time tracking of CO release via a colorimetric change in B16F10 cancer cells [1].
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7524 mL	13.762 mL	27.5239 mL
5 mM	0.5505 mL	2.7524 mL	5.5048 mL
10 mM	0.2752 mL	1.3762 mL	2.7524 mL
50 mM	0.055 mL	0.2752 mL	0.5505 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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