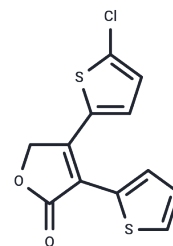


YC-001

Chemical Properties

CAS No. : 748778-73-6
 Formula: C₁₂H₇ClO₂S₂
 Molecular Weight: 282.77
 Storage: Store at low temperature
 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	YC-001, an inverse agonist and antagonist of rod opsin, reversibly binds and stabilizes the rod opsin structure. This compound demonstrates protective effects against bright light-induced retinal degeneration in mice, suggesting its research potential for retinal degeneration treatments.
Targets(IC50)	Others,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5364 mL	17.6822 mL	35.3644 mL
5 mM	0.7073 mL	3.5364 mL	7.0729 mL
10 mM	0.3536 mL	1.7682 mL	3.5364 mL
50 mM	0.0707 mL	0.3536 mL	0.7073 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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