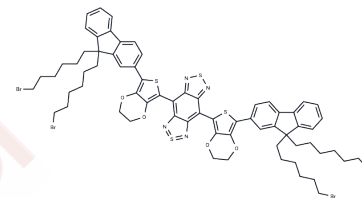


BrIR2

Chemical Properties

CAS No. : 2089258-78-4
 Formula: C₆₈H₇₀Br₄N₄O₄S₄
 Molecular Weight: 1455.18
 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	BrIR2 is a multifunctional dye used in biological experiments to observe and analyze cell structures, track biomolecules, evaluate cell functions, distinguish cell types, detect biomolecules, study tissue pathology, and monitor microorganisms. Its applications range from fundamental scientific research to clinical diagnostics. Additionally, dyes are widely utilized in traditional fields like textile dyeing, and emerging areas such as functional textile processing, food pigments, and dye-sensitized solar cells.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6872 mL	3.436 mL	6.872 mL
5 mM	0.1374 mL	0.6872 mL	1.3744 mL
10 mM	0.0687 mL	0.3436 mL	0.6872 mL
50 mM	0.0137 mL	0.0687 mL	0.1374 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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