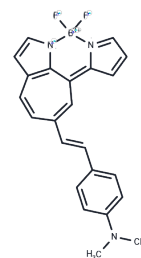


TNIR7-1A

Chemical Properties

CAS No. : 2301931-35-9
 Formula: C₂₃H₂₀BF₂N₃
 Molecular Weight: 387.23
 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	TNIR7-1A is a fused cycloheptatriene-BODIPY derivative that is optimized for near-infrared (NIR) imaging characteristics (Ex/Em = 600/774 nm in PBS) and exhibits high affinity and specificity for neurofibrillary tangles (NFT) in vitro. Additionally, TNIR7-1A can effectively penetrate the blood-brain barrier.
Targets(IC50)	Others, Microtubule Associated

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5824 mL	12.9122 mL	25.8244 mL
5 mM	0.5165 mL	2.5824 mL	5.1649 mL
10 mM	0.2582 mL	1.2912 mL	2.5824 mL
50 mM	0.0516 mL	0.2582 mL	0.5165 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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