

HBC599

Chemical Properties

CAS No. :

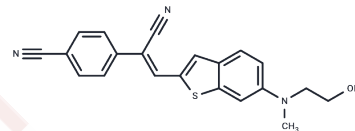
Formula: C₂₁H₁₇N₃O₅

Molecular Weight: 359.44

keep away from direct sunlight

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	HBC599 is an HBC-like fluorophore. HBC599 shows brightly fluoresced in the Pepper bound state and can be visualized RNA dynamics in live cells.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7821 mL	13.9105 mL	27.8211 mL
5 mM	0.5564 mL	2.7821 mL	5.5642 mL
10 mM	0.2782 mL	1.3911 mL	2.7821 mL
50 mM	0.0556 mL	0.2782 mL	0.5564 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

Chen X, et al. Visualizing RNA dynamics in live cells with bright and stable fluorescent RNAs. Nat Biotechnol. 2019 Nov;37(11):1287-1293.

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