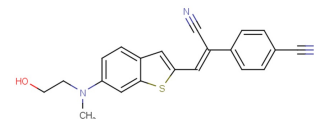


HBC599

Chemical Properties

CAS No.: T19351
Formula: C₂₁H₁₇N₃OS
Molecular Weight: 359.44
Appearance: N/A
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).



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(IC ₅₀)	Others: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.782 mL	13.911 mL	27.821 mL
5 mM	0.556 mL	2.782 mL	5.564 mL
10 mM	0.278 mL	1.391 mL	2.782 mL
50 mM	0.056 mL	0.278 mL	0.556 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. 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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