

BD140

Chemical Properties

CAS No. : 1201643-08-4

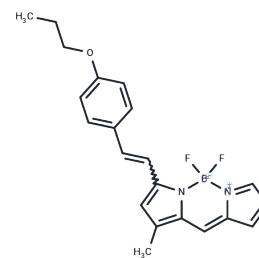
Formula: C₂₁H₂₁BF₂N₂O

Molecular Weight: 366.21

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	BD140 is a specific "turn-on" fluorescent probe for HSA Site 2. It enables precise monitoring of drug binding sites and high-throughput screening of drug-HSA interactions.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7307 mL	13.6534 mL	27.3067 mL
5 mM	0.5461 mL	2.7307 mL	5.4613 mL
10 mM	0.2731 mL	1.3653 mL	2.7307 mL
50 mM	0.0546 mL	0.2731 mL	0.5461 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

Goulet DR, Atkins WM. Considerations for the Design of Antibody-Based Therapeutics. J Pharm Sci. 2020 Jan;109(1): 74-103.

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