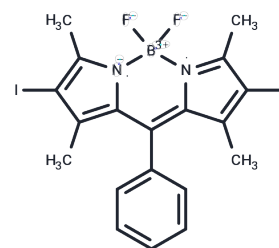


DK7575

Chemical Properties

CAS No. : 1083009-44-2
Formula: C₁₉H₁₇BF₂I₂N₂
Molecular Weight: 575.97
Appearance: no data available
Storage: keep away from direct sunlight
Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	DK7575 is a fluorescent dye, a candidate for biological imaging applications, with an appreciable two-photon absorption cross section and strong red light emission.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7362 mL	8.681 mL	17.362 mL
5 mM	0.3472 mL	1.7362 mL	3.4724 mL
10 mM	0.1736 mL	0.8681 mL	1.7362 mL
50 mM	0.0347 mL	0.1736 mL	0.3472 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.

Reference

Gibbs JH, et al. Spectroscopic, computational modeling and cytotoxicity of a series of meso-phenyl and meso-thienyl-BODIPYs. Bioorg Med Chem. 2013 ; 21(18):5770-5781.

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