

2,6-Diiodo-BODIPY 493/503

Chemical Properties

CAS No. :	1031443-55-6
Formula:	C ₁₄ H ₁₅ BF ₂ I ₂ N ₂
Molecular Weight:	513.899
Storage:	Keep away from direct sunlight Store at -20°C <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	2,6-Diiodo-BODIPY 493/503 is a modified BODIPY fluorescent dye whose 2,6-diiodo substituent enhances its photostability and resistance to photobleaching. 2,6-Diiodo-BODIPY 493/503 is commonly used for labeling and imaging lipid droplets and lipid-associated structures.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9459 mL	9.7295 mL	19.459 mL
5 mM	0.3892 mL	1.9459 mL	3.8918 mL
10 mM	0.1946 mL	0.973 mL	1.9459 mL
50 mM	0.0389 mL	0.1946 mL	0.3892 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

Bonardi L, et al. Tailoring the properties of boron-dipyrromethene dyes with acetylenic functions at the 2,6,8 and 4-B substitution positions. Org Lett. 2008 Jun 5;10(11):2183-6.

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