

8-Phenyl-BODIPY 505/515

Chemical Properties

CAS No. :	194235-40-0
Formula:	C ₁₉ H ₁₉ BF ₂ N ₂
Molecular Weight:	324.175
Storage:	Keep away from direct sunlight Store at -20°C <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	8-Phenyl-BODIPY 505/515 are phenyl-substituted BODIPY derivatives, thereby altering the phosphorescent properties of BODIPY, triplet and monoclinic oxygen generation, and can be used as fluorescent probes.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 20.00 mg/mL (61.70 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0847 mL	15.4235 mL	30.8471 mL
5 mM	0.6169 mL	3.0847 mL	6.1694 mL
10 mM	0.3085 mL	1.5424 mL	3.0847 mL
50 mM	0.0617 mL	0.3085 mL	0.6169 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

Gonçalves R, et al. Synthesis and characterization of aryl-substituted BODIPY dyes displaying distinct solvatochromic singlet oxygen photosensitization efficiencies[J]. Dyes and Pigments, 2021, 196:109784.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481