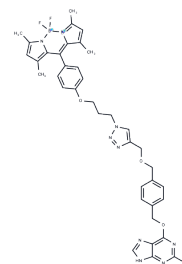


PYBG-BODIPY

Chemical Properties

CAS No. :	2068027-79-0
Formula:	C ₃₈ H ₃₉ BF ₂ N ₁₀ O ₃
Molecular Weight:	732.6
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	PYBG-BODIPY, a fluorochrome dye, specifically and efficiently labels genetically encoded SNAP-tags in live cells, serving its role as a targeted marker.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.365 mL	6.825 mL	13.650 mL
5 mM	0.273 mL	1.365 mL	2.730 mL
10 mM	0.1365 mL	0.6825 mL	1.365 mL
50 mM	0.0273 mL	0.1365 mL	0.273 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

Xinbo Song, et al. Terminal alkyne substituted O⁶-benzylguanine for versatile and effective syntheses of fluorescent labels to genetically encoded SNAP-tags. RSC Advances. 26 Feb 2015.

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