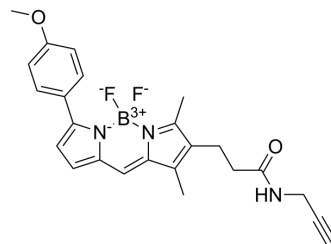


BDP TMR alkyne

Cat. No.:	HY-151751
CAS No.:	2006345-32-8
Molecular Formula:	C ₂₄ H ₂₄ BF ₂ N ₃ O ₂
Molecular Weight:	435.27
Target:	Fluorescent Dye
Pathway:	Others
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (287.18 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.2974 mL	11.4871 mL	22.9742 mL
	5 mM	0.4595 mL	2.2974 mL	4.5948 mL
	10 mM	0.2297 mL	1.1487 mL	2.2974 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

BDP TMR alkyne is an alkyne-containing click chemistry reagent that can click chemistry with azides. BDP TMR alkyne has the fluorophore BDP and can be used for oligonucleotide labeling and amino acid sequencing^[1].

REFERENCES

[1]. Jiang X, et al. Recent applications of click chemistry in drug discovery. Expert Opin Drug Discov. 2019 Aug;14(8):779-789.

Caution: Product has not been fully validated for medical applications. For research use only.

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