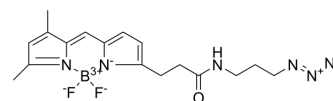


BDP FL azide

Cat. No.:	HY-114353
CAS No.:	1379771-95-5
Molecular Formula:	C ₁₇ H ₂₁ BF ₂ N ₆ O
Molecular Weight:	374.2
Target:	Fluorescent Dye
Pathway:	Others
Storage:	-20°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 50 mg/mL (133.62 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		2.6724 mL	13.3618 mL	26.7237 mL
	5 mM		0.5345 mL	2.6724 mL	5.3447 mL
	10 mM		0.2672 mL	1.3362 mL	2.6724 mL

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

BIOLOGICAL ACTIVITY

Description

BDP FL azide is a BDP dye connector containing an azide group capable of Click Chemistry. The green fluorophore is representative of the borodipyrromethane class of fluorescent dyes and has a high quantum yield in aqueous environments, high stability to photobleaching and is compatible with FAM fluorescence measurement instruments^[1].

REFERENCES

[1]. Maksymilian Marek Zegota, et al. "Tag and Modify" Protein Conjugation with Dynamic Covalent Chemistry. Bioconjug Chem. 2018 Aug 15;29(8):2665-2670.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA