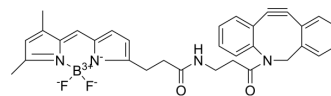


BDP FL DBCO

Cat. No.:	HY-140296
CAS No.:	2093197-94-3
Molecular Formula:	C ₃₂ H ₂₉ BF ₂ N ₄ O ₂
Molecular Weight:	550.41
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	BDP FL DBCO is a photostable boron dipyrromethene used in the FAM (fluorescein) channel, with compatible property for fluorescein filters. BDP FL DBCO contains DBCO (azadibenzocyclooctyne) groups that enable copper-free catalyzed click chemistry reactions with azides. $\lambda_{ex}/\lambda_{em}$ = 503 nm/512 nm ^[1] .
IC ₅₀ & Target	Cleavable Linker

REFERENCES

[1]. Hou S, et al. A Self-Assembled Plasmonic Substrate for Enhanced Fluorescence Resonance Energy Transfer. *Adv Mater.* 2020 Feb;32(8):e1906475.

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

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