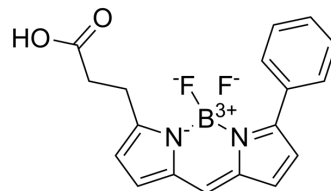


BDP R6G carboxylic acid

Cat. No.:	HY-D1169
CAS No.:	174881-57-3
Molecular Formula:	C ₁₈ H ₁₅ BF ₂ N ₂ O ₂
Molecular Weight:	340.13
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

BDP R6G carboxylic acid is a borondipyrromethene dye (Excitation: 530 nm; Emission: 548 nm). BDP R6G carboxylic acid terminal carboxylic acid can react with primary amine groups in the presence of activators to form a stable amide bond, for subsequent labeling reactions like Steglich esterification^[1].

REFERENCES

[1]. Hama Y, et al. Targeted optical imaging of cancer cells using lectin-binding BODIPY conjugated avidin. *Biochem Biophys Res Commun*. 2006 Sep 29;348(3):807-13.

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

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