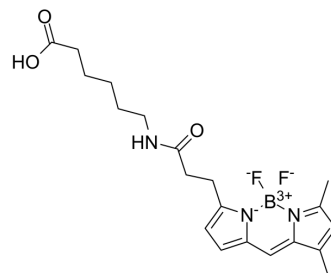


BODIPY FL-X

Cat. No.:	HY-114352
CAS No.:	217190-07-3
Molecular Formula:	C ₂₀ H ₂₆ BF ₂ N ₃ O ₃
Molecular Weight:	405.25
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

BODIPY FL-X is a green-fluorescent dye. BODIPY FL-X has the succinimidyl ester covalently coupled to proteins. BODIPY FL-X has high fluorescence quantum yield and is relatively insensitive to pH change. ($\lambda_{ex}=504$ nm, $\lambda_{em}=510$ nm)^{[1][2]}.

REFERENCES

[1]. Top KP, et, al. Green/red dual fluorescence detection of total protein and alkaline phosphate-conjugated probes on blotting membranes. Electrophoresis. 2001 Mar;22(5):896-905.

[2]. Goulding J, et, al. Subtype selective fluorescent ligands based on ICI 118,551 to study the human β 2-adrenoceptor in CRISPR/Cas9 genome-edited HEK293T cells at low expression levels. Pharmacol Res Perspect. 2021 May;9(3):e00779.

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

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