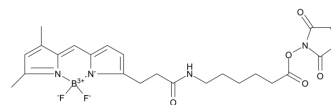


BDY FL-X, SE

Cat. No.:	HY-110257
CAS No.:	217190-09-5
Molecular Formula:	C ₂₄ H ₂₉ BF ₂ N ₄ O ₅
Molecular Weight:	502.32
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	BODIPY FL-X,SE is a fluorescent green dye for the labeling of amine, shows a high fluorescence quantum yield and is relatively insensitive to pH change. BODIPY FL-X,SE can be used as an alternative for FAM, Cy2 or FITC. λ_{abs} : 504 nm; λ_{em} :510 nm ^[1] .
In Vitro	BODIPY FL-X, succinimidyl ester dye stock solutions are prepared in DMSO. Then, it is diluted in 0.1 M sodium bicarbonate buffer, pH 8.3, to a final concentration of 10 μ M dye. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. K P Top, 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]. Karen Martin, et al. Simultaneous red/green dual fluorescence detection on electroblots using BODIPY TR-X succinimidyl ester and ELF 39 phosphate. Proteomics. 2002 May;2(5):499-512.

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

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