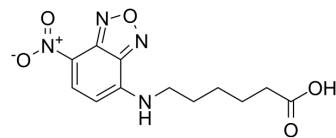


NBD-X acid

Cat. No.:	HY-D0133
CAS No.:	88235-25-0
Molecular Formula:	C ₁₂ H ₁₄ N ₄ O ₅
Molecular Weight:	294.26
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

NBD-X acid is a fluorescent probe for the study of fatty acids and sterols. NBD-X acid provides better yields for labelling biopolymers compared to NBD chloride and fluoride. The fluorescence spectrum of the NBD derivative is highly sensitive to the environment and the fluorescence intensity is significantly reduced in aqueous solutions^[1].

REFERENCES

[1]. McIntyre JC, et al. Synthesis and characterization of fluorescent neutral lipid analogs containing N-(7-nitro-2,1,3-benzoxadiazol-4-yl)-aminohexanoic acid. Chem Phys Lipids. 1993 Dec;66(3):171-80.

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

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