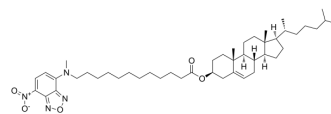


3-NBD-C12 Cholesterol

Cat. No.:	HY-D1621
CAS No.:	186833-02-3
Molecular Formula:	C ₄₆ H ₇₂ N ₄ O ₅
Molecular Weight:	761.09
Target:	Fluorescent Dye
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 0.5 mg/mL (0.66 mM; ultrasonic and warming and heat to 60°C)
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BIOLOGICAL ACTIVITY

Description	C-12 NBD cholesterol is a cholesterol derivative with a hydrophilic fluorophore tag (NBD: Ex=465 nm, Em=535 nm). C-12 NBD cholesterol can be used to study the utilization and metabolism of cholesterol ^[1] .
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REFERENCES

[1]. M E Johnson, et al. Lateral diffusion of small compounds in human stratum corneum and model lipid bilayer systems. Biophys J. 1996 Nov;71(5):2656-68.

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

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