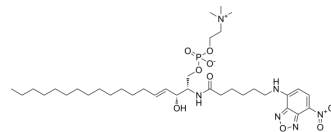


C6 NBD Sphingomyelin

Cat. No.:	HY-D1574
CAS No.:	94885-04-8
Molecular Formula:	C ₃₅ H ₆₁ N ₆ O ₉ P
Molecular Weight:	740.87
Target:	Fluorescent Dye
Pathway:	Others
Storage:	-20°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



BIOLOGICAL ACTIVITY

Description

C6 NBD Sphingomyelin is a fluorescent short-chain analogue of [Sphingomyelin](#) (HY-113498). Chlamydia trachomatis acquires C6 NBD Sphingomyelin endogenously synthesizes from C6-NBD-ceramide and transportes to the chlamydial inclusion. C6 NBD Sphingomyelin can incorporate into the plasma membrane^[1].

REFERENCES

[1]. Hackstadt T, et al. Chlamydia trachomatis interrupts an exocytic pathway to acquire endogenously synthesized sphingomyelin in transit from the Golgi apparatus to the plasma membrane. EMBO J. 1996 Mar 1;15(5):964-77.

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

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