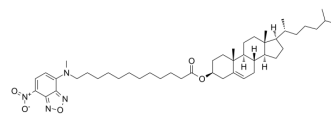


## 3-NBD-C12 Cholesterol

Cat. No.:	HY-D1621
CAS No.:	186833-02-3
Molecular Formula:	C <sub>46</sub> H <sub>72</sub> N <sub>4</sub> O <sub>5</sub>
Molecular Weight:	761.09
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### 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<sup>[1]</sup>.

### 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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA