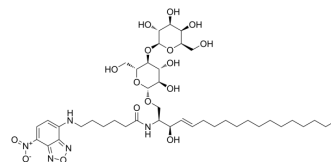


C6 NBD Lactosylceramide

Cat. No.:	HY-D1577
CAS No.:	474943-04-9
Molecular Formula:	C ₄₂ H ₆₉ N ₅ O ₁₆
Molecular Weight:	900.02
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

C6 NBD Lactosylceramide is a derivative of lactosylceramides, and can be used in lactosylceramide synthase assay as a fluorescent acceptor substrate. C6 NBD Lactosylceramide can also be used in cancer research^{[1][2]}.

REFERENCES

- [1]. Samy A F Morad, et al. Role of P-glycoprotein inhibitors in ceramide-based therapeutics for treatment of cancer. *Biochem Pharmacol.* 2017 Apr 15;130:21-33.
- [2]. J W Kok, et al. Sorting of sphingolipids in the endocytic pathway of HT29 cells. *J Cell Biol.* 1991 Jul;114(2):231-9.

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

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