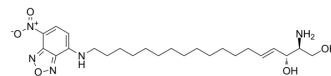


NBD Sphingosine

Cat. No.:	HY-130433		
CAS No.:	1449370-25-5		
Molecular Formula:	C ₂₄ H ₃₉ N ₅ O ₅		
Molecular Weight:	477.6		
Target:	Fluorescent Dye		
Pathway:	Others		
Storage:	Pure form	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description

NBD Sphingosine (NBD-Sph), a fluorochrome, is a fluorescence-labeled sphingosine. NBD Sphingosine can be used for fluorescence assay for sphingosine kinases^{[1][2]}.

REFERENCES

- [1]. Bandhuvula P, Fyrst H, Saba JD. A rapid fluorescence assay for sphingosine-1-phosphate lyase enzyme activity. *J Lipid Res.* 2007 Dec;48(12):2769-78.
- [2]. Lima S, Milstien S, Spiegel S. A real-time high-throughput fluorescence assay for sphingosine kinases. *J Lipid Res.* 2014 Jul;55(7):1525-30.

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

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