



18:0(2-NBD)-18:1 PC

Cat. No.:	OB0626WX-4542
Appearance:	Liquid
Purity:	>99%
Size:	1 mg; 2 mg; 5 mg; 10 mg

This product is for research use only and is not intended for diagnostic use.

Product Overview

Description	18:0(2-NBD)-18:1 PC is an NBD-labeled phosphatidylcholine analogue containing stearoyl and oleoyl acyl chains. Incorporation of the nitrobenzoxadiazole fluorophore imparts fluorescence while preserving the structural characteristics of the parent phospholipid, making it a valuable membrane probe.
Formulation	Chloroform solution
Labeling	NBD-labeled
Synonyms	1-stearoyl(2-NBD)-2-oleoyl-sn-glycero-3-phosphocholine; 2707415-28-7
CAS No.	2707415-28-7
Compound CID	527971938
Formula	$C_{50}H_{88}N_5O_{11}P$
Formula Weight	966.25

Specification

Hygroscopic	No
Light Sensitive	No
Stability	1 year
Storage	Storage at -20°C.
Applications	18:0(2-NBD)-18:1 PC provides a fluorescent phosphatidylcholine analog for studying lipid behavior and membrane-associated processes. It is utilized in fluorescence-based lipid analysis, membrane organization studies, and investigation of phosphatidylcholine distribution and interactions within experimental systems.