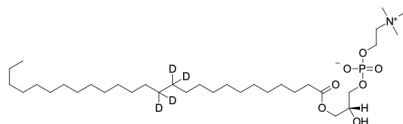


C26:LPC IS (C26:0-lysophosphatidylcholine-d4)

<http://www.lumiprobe.com/p/c26-lpc-d4>

C26:0-lysophosphatidylcholine-d4 is deuterated C26:0-lysophosphatidylcholine (Lysopc(26:0)) and intended for use as an internal standard for the quantification of C26:0-lysophosphatidylcholine by GC- or LC-MS.

Lysopc(26:0), also known as LysoPC a C26:0, is classified as a member of the 1-acyl-sn-glycero-3-phosphocholines. Lysopc(26:0) is a biomarker for X-linked adrenoleukodystrophy (X-ALD). C26:0-lysoPC in dried blood spots is a sensitive and useful marker for very long-chain fatty acid (VLCFA) accumulation in patients with Zellweger spectrum disorders.



Structure of Lyso-PC-d4

General properties

Appearance: white solid

Molecular weight: 639.92

CAS number: 1246303-15-0

Molecular formula: C₃₄H₆₆D₄NO₇P

Solubility: ethanol; chloroform-methanol mixture 3:1 or 2:1 (v/v)

Quality control: NMR ¹H and HPLC-MS (95+ %, D: 98+ %)

Storage conditions: 24 months after receipt at -20°C in the dark. Transportation: at room temperature for up to 3 weeks. Desiccate.

Legal statement: This Product is offered and sold for research purposes only. It has not been tested for safety and efficacy in food, drug, medical device, cosmetic, commercial or any other use. Supply does not express or imply authorization to use for any other purpose, including, without limitation, in vitro diagnostic purposes, in the manufacture of food or pharmaceutical products, in medical devices or in cosmetic products.