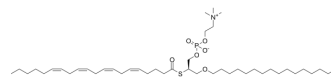


Arachidonoyl thio-PC

Cat. No.:	HY-W127380
CAS No.:	146797-82-2
Molecular Formula:	C ₄₄ H ₈₂ NO ₆ PS
Molecular Weight:	784.16
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Solution, -20°C, 2 years



BIOLOGICAL ACTIVITY

Description

Arachidonoyl Thio-PC is a substrate of many phospholipase A2 (PLA2), including sPLA2, cPLA2 and iPLA2. Cleavage of sn-2 fatty acids by PLA2 results in the production of free thiols, which react with chromogenic reagents such as DTNB (Ellman's reagent) and DTP, allowing quantification of PLA2 activity. Isozyme-specific cPLA2 activity can be measured by depleting or inhibiting sPLA2 and iPLA2 activity in the assay.

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

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