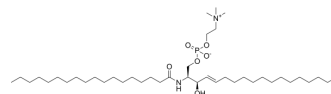


## N-Stearoylsphingomyelin

Cat. No.:	HY-148388
CAS No.:	58909-84-5
Molecular Formula:	C <sub>41</sub> H <sub>83</sub> N <sub>2</sub> O <sub>6</sub> P
Molecular Weight:	731.08
Target:	Phospholipase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

N-Stearoylsphingomyelin (N-Stearoyl-D-sphingomyelin) is a sphingolipid, which can inhibit Phospholipase Cδ1 (PLCδ1)<sup>[1]</sup>.

### REFERENCES

[1]. Pawelczyk T, et al. The effect of different molecular species of sphingomyelin on phospholipase Cδ1 activity. *Biochimie*. 1997 Dec;79(12):741-8.

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

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