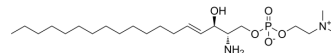


## Spingosylphosphorylcholine

<b>Cat. No.:</b>	HY-132187
<b>CAS No.:</b>	1670-26-4
<b>Molecular Formula:</b>	C <sub>23</sub> H <sub>49</sub> N <sub>2</sub> O <sub>5</sub> P
<b>Molecular Weight:</b>	464.62
<b>Target:</b>	Others
<b>Pathway:</b>	Others
<b>Storage:</b>	-20°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



### SOLVENT & SOLUBILITY

#### In Vitro

Ethanol : 15 mg/mL (32.28 mM; Need ultrasonic and warming)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
1 mM		2.1523 mL	10.7615 mL	21.5230 mL
5 mM		0.4305 mL	2.1523 mL	4.3046 mL
10 mM		0.2152 mL	1.0761 mL	2.1523 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

Spingosylphosphorylcholine is a bioactive sphingolipid. Spingosylphosphorylcholine has anti-tumor activity<sup>[1]</sup>.

### REFERENCES

[1]. Y Xu, et al. The role and clinical applications of bioactive lysolipids in ovarian cancer. J Soc Gynecol Investig. 2001 Jan-Feb;8(1):1-13.

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

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