



Soybean phospholipid Datasheet

4th Edition (Revised in July, 2016)

[Product Information]

Name: Soybean phospholipid

Catalog No.: CFN93800

Cas No.: 8002-43-5

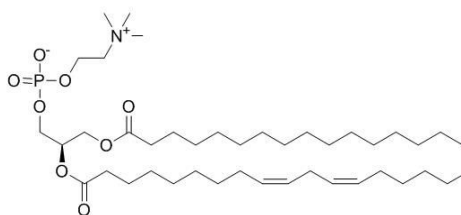
Purity: >=98%

M.F: C₄₂H₈₀NO₈P

M.W: 758.06

Physical Description: Solid

Synonyms: Phosphatidylcholine; [(2R)-2,3-diacetoxypoxy]-(2-trimethylammonioethyl)phosphinate.



[Intended Use]

1. Reference standards;
2. Pharmacological research;
3. Food research;
4. Synthetic precursor compounds;
5. Intermediates & Fine Chemicals;
6. Others.

[Source]

The seeds of *Glycine max*.

[Biological Activity or Inhibitors]

Soybean phospholipid and safflower phospholipid can suppress the elevation of plasma and liver cholesterol and that this effect may be brought about by inhibiting the absorption of cholesterol in the small intestine.^[1]

Soybean phospholipid has a growth-promoting effect and it is suitable as a lipid and phospholipid source in microdiets for *P. fulvidraco* larvae feed.^[2]

[Solvent]

Chloroform, Dichloromethane, Ethyl Acetate, DMSO, Acetone, etc.

[HPLC Method]^[3]

Mobile phase: n-Hexane-Isopropanol-H₂O=5:80:20 ;

Flow rate: 0.7 ml/min;

Column temperature: 25 °C;

The wave length of determination: 206 nm.

[Storage]

2-8°C, Protected from air and light, refrigerate or freeze.

[References]

[1] Iwata T, Hoshi S, Takehisa F, *et al. J. Nutr. Sci. Vitaminol.*, 1992, 38(5):471-9.

[2] Lu S, Zhao N, Zhao A, *et al. Aquaculture*, 2008, 278(1-4):119-27.

[3] Wang J, Huang G, Chen X, *et al. Chinese Journal of Modern Applied Pharmacy*, 2011, 28(6):564-6.

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