

Hydrogenated Soybean Phosphatidylcholine

Catalog Number: 26439

DESCRIPTION

Hydrogenated Soybean Phosphatidylcholine (HSPC) is a saturated phospholipid used in liposomal drug delivery formulations. It is also known to increase the solubility and bioavailability of hydrophobic drugs. It also has high oxidative stability and low hygroscopicity which can improve the overall drug efficacy.

SPECIFICATIONS

CAS Number	97281-48-6
Purity	>98%
Molecular Weight	790.16
Appearance	Powder Agglomerates
Storage	-20°C
Synonyms(s)	L- α -phosphatidylcholine (soybean, hydrogenated), HSPC
Formula	C ₄₄ H ₈₈ NO ₈ P

PREPARATION

Stock solutions of HSPC can be prepared by dissolving in pre-heated organic solvent of choice. HSPC is readily soluble in chloroform and chloroform/methanol (1:1, v/v, 1mg/mL). Once formulated, the stock solution can be stored at -20°C for up to 1 month. Before use, ensure that the stock solution returns to room temperature.

