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Product Datasheet

Mpeg-dspe (orb1785960)

Catalog Number	orb1785960
Category	Small Molecules
Description	1,2-Distearoyl-sn-glycero-3-phosphorylglycerol is used as a component of a loposomal delivery system that coordinates the release of irinotecan and floxuridine in vivo. It is also used to encapsulate anthracyclines and deliver them to tumors.DSPG has a high transition temperature and has therefore found much use in liposomal drug delivery systems.
Purity	0.98
MW	801.058
CAS Number	4537-78-4
Formula	$C_{42}H_{82}NAO_{10}P$
SMILES	P(=O)([O-])(OC([H])([H])C([H])(C([H])([H])O[H])O[H])OC([H])([H])C([H])(C([H])([H])OC(C([H])([H])C([H])([H])C([H])([H])C([H])([H])C([H])([H])C([H])([H])C([H])([H])C([H])([H])C([H])([H])C([H])([H])C([H])([H])C([H])([H])C([H])([H])C([H])([H])C([H])([H])C([H])([H])C([H])([H])[H])=O)OC(C([H])([H])C([H])([H])C([H])([H])C([H])([H])C([H])([H])C([H])([H])C([H])([H])C([H])([H])C([H])([H])C([H])([H])C([H])([H])C([H])([H])C([H])([H])C([H])([H])C([H])([H])C([H])([H])C([H])([H])[H])=O.[Na+]
Note	For research use only
Expiration Date	12 months from date of receipt.

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