



Product Information

4-Methylumbelliferyl phosphocholine

Cat. No.: X24-11-LY547

Size: 25 mg; 50 mg; 100 mg; 250 mg; 500 mg

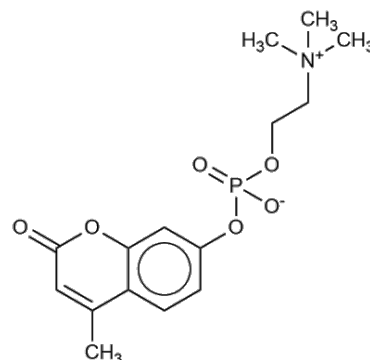
MDL: MFCD00467451

CAS Number: 97055-84-0

Compound CID: 126160

Synonym: 97055-84-0; 4-Methylumbelliferyl cholin phosphate; 4-MUPC

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	4-Methylumbelliferyl phosphocholine is a MU substrate and involves in lipid metabolism.
Molecular Weight	341.3
Molecular Formula	C ₁₅ H ₂₀ NO ₆ P
IUPAC Name	(4-Methyl-2-oxochromen-7-yl) 2-(trimethylazaniumyl)ethyl phosphate
InChI	InChI=1S/C15H20NO6P/c1-11-9-15(17)21-14-10-12(5-6-13(11)14)22-23(18,19)20-8-7-16(2,3)4/h5-6,9-10H,7-8H2,1-4H3
InChI Key	XFDMHBWTKCGCSD-UHFFFAOYSA-N
SMILES string	CC1=CC(=O)OC2=C1C=CC(=C2)OP(=O)([O-])OCC[N+](C)(C)C
Form	Powder
Purity	≥98%, determined by NMR.
Identity	Confirmed by NMR.
Melting Point	270°C
Applications	4-Methylumbelliferyl phosphocholine can be used in the study of phospholipid metabolism.
Storage	Store at -20°C.