

Product Information

4-Methylumbelliferyl phosphate bis(cyclohexylammonium) salt

Cat. No.: X24-11-LY092

Size: 1 g; 2 g; 5 g; 10 g; 25 g

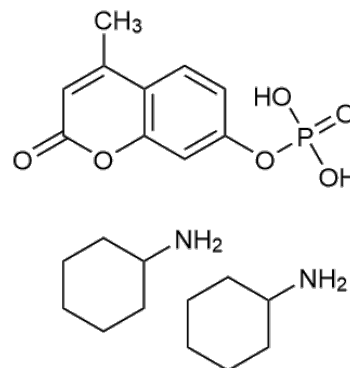
MDL: MFCD00153293

CAS Number: 128218-53-1

Compound CID: 71774255

Synonym: 128218-53-1; Cyclohexanamine, (4-methyl-2-oxochromen-7-yl) dihydrogen phosphate; 4-Methylumbelliferyl phosphate bis(cyclohexylammonium) salt; 4-Methylumbelliferyl phosphate bis (cyclohexylammonium) salt; 4-Methylumbelliferyl phosphate,bis(cyclohexylammonium)salt; Cyclohexanamine hemi(4-methyl-2-oxo-2H-chromen-7-yl phosphate)

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



Product Information

Description	4-Methylumbelliferyl phosphate bis(cyclohexylammonium) salt is a MU substrate and reacts with phosphatases.
Molecular Weight	454.5
Molecular Formula	C ₂₂ H ₃₅ N ₂ O ₆ P
IUPAC Name	Cyclohexanamine (4-methyl-2-oxochromen-7-yl) dihydrogen phosphate
InChI	InChI=1S/C10H9O6P.2C6H13N/c1-6-4-10(11)15-9-5-7(2-3-8(6)9)16-17(12,13)14;2*7-6-4-2-1-3-5-6/h2-5H,1H3,(H2,12,13,14);2*6H,1-5,7H2
InChI Key	MYAXHZSVMPSEFGN-UHFFFAOYSA-N
SMILES string	CC1=CC(=O)OC2=C1C=CC(=C2)OP(=O)(O)O.C1CCC(CC1)N.C1CCC(CC1)N
Moisture	≤12%
Form	Powder
Purity	≥95%
Identity	Confirmed by NMR.
Applications	4-Methylumbelliferyl phosphate bis(cyclohexylammonium) salt can be used for in-gel assays.
Storage	Store at 4°C.