

Product Information

D-Glucose-6-phosphate dipotassium salt trihydrate

Cat. No.: X23-11-ZQ695

Size: 100 mg; 1 g; 100 g; 500 g; 1 kg

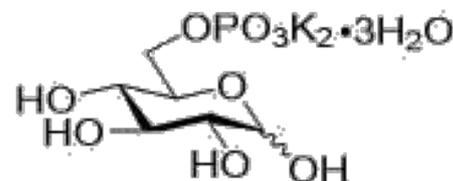
CAS Number: 207727-36-4

PubChem CID: 90470998

Synonym: 207727-36-4; D-Glucose 6-phosphate dipotassium salt trihydrate;

Potassium (2*R*,3*R*,4*S*,5*R*)-2,3,4,5-tetrahydroxy-6-oxohexyl phosphate trihydrate

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



Product Information

Molecular Weight	390.36
Molecular Formula	C ₆ H ₁₇ K ₂ O ₁₂ P
IUPAC Name	Dipotassium;[(2 <i>R</i> ,3 <i>R</i> ,4 <i>S</i> ,5 <i>R</i>)-2,3,4,5-tetrahydroxy-6-oxohexyl] phosphate;trihydrate
InChI	InChI=1S/C6H13O9P.2K.3H2O/c7-1-3(8)5(10)6(11)4(9)2-15-16(12,13)14;;;;;/h1,3-6,8-11H,2H2,(H2,12,13,14);;3*1H2/q;2*+1;;;/p-2/t3-,4+,5+,6+;;;;;/m0...../s1
InChI Key	YBBMJPSZNCCLKQL-ZQNYHYCUSA-L
Canonical SMILES	C(C(C(C(C(C=O)O)O)O)O)OP(=O)([O-])[O-].O.O.O.[K+].[K+]
Isomeric SMILES	C([C@H]([C@H]([C@@H]([C@H](C=O)O)O)O)O)OP(=O)([O-])[O-].O.O.O.[K+].[K+]
Form	Off-white powder
Purity	≥99%
Applications	D-Glucose-6-phosphate dipotassium salt trihydrate can be used for research of pharmaceuticals and agrochemicals.
Storage	Store at -20°C.