Product Name	:	D-Glucose 6-phosphate potassium salt
Synonyms	:	——
Cat No.	:	M19868
CAS Number	:	103192-55-8
Molecular Formula	:	C6H12O9PK
Formula Weight	:	298.23
Chemical Name	:	——
Description	:	In cells D-glucose 6-phosphate (G6P) is generated when glucose is phosphorylated by hexokinase or glucokinase or by the conversion of glucose-1-phosphate by phosphoglucomutase during glycogenolysis. G6P lies at the beginning of both glycolysis and the pentose phosphate pathways. It also can be stored as glycogen when blood glucose levels are high.
Pathway	:	Others
Target	:	Other Targets
Receptor	:	Others
Solubility	:	DMSO:10 mM
SMILES	:	[K+].OC1O[C@H](COP(O)([O-])=O)[C@@H](O)[C@H](O)[C@H]1O
Storage	:	(-20℃)
Stability	:	≥ 2 years
Reference	:	

1.Cappellini M.D. and Fiorelli G. Glucose-6-phosphate dehydrogenase deficiency. Lancet 371(9606) 64-74 (2008).