

Product Information

Trehalose-6-phosphate

Cat. No.: X22-07-ZQ540

Size: 100 mg; 250 mg; 500 mg

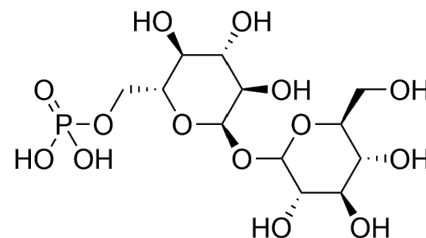
CAS Number: 4484-88-2

Compound CID: 122336

Synonym: 4484-88-2;

[(2R,3S,4S,5R,6R)-3,4,5-Trihydroxy-6-[(2R,3R,4S,5S,6R

)-3,4,5-trihydroxy-6-(hydroxymethyl)oxan-2-yl]oxyoxan-2-yl]methyl dihydrogen phosphate



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

Product Information

Molecular Weight	422.28
Molecular Formula	C ₁₂ H ₂₃ O ₁₄ P
InChI	InChI=1S/C12H23O14P/c13-1-3-5(14)7(16)9(18)11(24-3)26-12-10(19)8(17)6(15)4(25-12)2-23-27(20,21)22/h3-19H,1-2H2,(H2,20,21,22)/t3-,4-,5-,6-,7+,8+,9-,10-,11-,12-/m1/s1
InChI Key	LABSPYBHMPDTEL-LIZSDCNHSA-N
Canonical SMILES	C(C1C(C(C(C(O1)OC2C(C(C(C(O2)COP(=O)(O)O)O)O)O)O)O)O)O)O
Form	Powder
Purity	>95%
Applications	Trehalose-6-phosphate is a useful chemical compound for research.
Storage	Store at -20°C.

Safety Information

Personal Protective Equipment Gloves, eyeshields, N95 mask