

Product Information

Acetobromo- α -D-glucose

Cat. No.: XGB0120

Size: 10 g; 50 g; 100 g

MDL: MFCD00063254

CAS Number: 572-09-8

PubChem Substance ID: 24890582

NACRES: NA.25

Synonym: 1-Bromo- α -D-glucose tetraacetate, 2,3,4,6-Tetra-O-acetyl- α -D-glucopyranosyl bromide

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

Product Information

Molecular Weight	411.20
Empirical Formula	C ₁₄ H ₁₉ BrO ₉
InChI	1S/C14H19BrO9/c1-6(16)20-5-10-11(21-7(2)17)12(22-8(3)18)13(14(15)24-10)23-9(4)19/h10-14H,5H2,1-4H3/t10-,11-,12+,13-,14+/m1/s1
SMILES string	CC(=O)OC[C@H]1O[C@H](Br)[C@H](OC(C)=O)[C@@H](OC(C)=O)[C@@H]1OC(C)=O
Biological Source	synthetic (organic)
Form	powder
Purity	≥95% (TLC)
Quality Level	300
Applications	Acetobromo- α -D-glucose may be used as a surface modifier of polyethylene terephthalate (PET) to improve its blood compatibility.
Storage	-20°C

Safety Information

WGK Germany	nwg
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