



Formula: C₁₂H₁₆O₇

MW: 272.25

CAS: 4098-06-0

MDL: MFCD00079585

TNP:

(-)-TRI-O-ACETYL-D-GALACTAL; TRI-O-ACETYL-D-GALACTAL; D-GALACTAL
TRIACETATE; 3,4,6-TRI-O-ACETYL-D-GALACTAL;
3,4,6-TRI-O-ACETYL-1,5-ANHYDRO-2-DEOXY-D-LYXO-HEX-1-ENITOL;
3,4,6-TRI-O-ACETYL-1,5-ANHYDRO-D-LYXO-HEX-1-ENITOL;
1,2-DIDEOXY-3,4,6-TRI-O-ACETYL-D-LYXO-1-H



LogP: -0.26

LogS: -2.86

Acceptors: 7

Donors: 0

Rotation Bonds: 4

Chiral Centers: 3

N+O: 7

LIPINSKY: 4

Oil: LIQUID

Info: 3,4,6-Tri-O-acetyl-D-galactal

IUPAC: (3S,2R,4R)-4-acetyloxy-2-(acetyloxymethyl)-2H-3,4-dihydropyran-3-yl acetate

Smiles: C1=CO[C@@H]([C@@H](OC(=O)C)[C@@H]1OC(C)=O)COC(=O)C

Specification: Sugars, Carbohydrates & Glucosides; 13C & 2H Sugars; Biochemistry; Galactose; Glycals; O-Substituted Sugars; Sugars; Carbohydrates & Derivatives
3,4,6-Tri-O-acetyl-D-galactal Chemical Properties:

mp 34-38 C(lit.) alpha -20