



Formula: C<sub>12</sub>H<sub>15</sub>NO<sub>8</sub>

MW: 301.25

CAS: 7493-95-0

MDL: MFCD00420227

TNP: TNP00423



LogP: -7.29

LogS: -0.62

Acceptors: 8

Donors: 4

Rotation Bonds: 6

Chiral Centers: 5

N+O: 9

LIPINSKY: 4

Info: 4-Nitrophenyl-alpha-D-glucopyranoside 99%

IUPAC: 6-(hydroxymethyl)-2-(4-nitrophenoxy)-2H-3,4,5,6-tetrahydropyran-3,4,5-triol

Smiles: C(C1C(O)C(C(C(O1)Oc1ccc([N+](=O)[O-])cc1)O)O)O

SOURCE: Derivative of galactose - constituents of many oligo- and polysaccharides