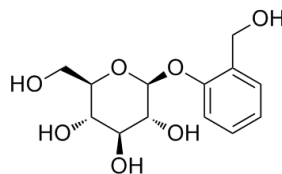


Product Name	: Salicoside
Synonyms	: NSC 5751; D(-)-Salicin
Cat No.	: M11602
CAS Number	: 138-52-3
Molecular Formula	: C ₁₃ H ₁₈ O ₇
Formula Weight	: 286.28
Chemical Name	: alpha-Hydroxy-o-tolyl beta-D-glucopyranoside
Description	: Salicin is a phenol β-glycosid produced from willow bark that shows anti-inflammatory effects.
Pathway	: Chromatin/Epigenetic
Target	: COX
Receptor	: COX
Solubility	: Water: 24 mg/mL (83.83 mM); DMSO: 57 mg/mL (199.1 mM)
SMILES	: <chem>O[C@@H]([C@H]([C@@H]([C@H](CO)O1)O)O)[C@@H]1OC2=CC=CC=C2CO</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Wei W, et al. J Asian Nat Prod Res. 2015 Apr 23:1-6.