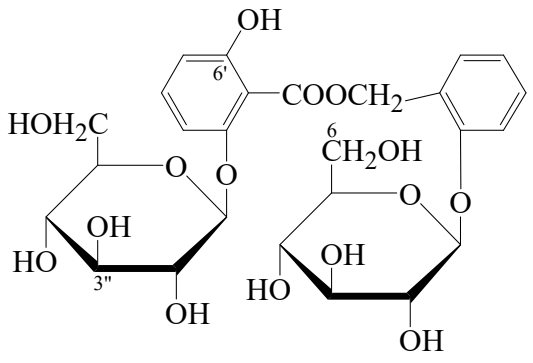
>>**Entry Name: Henryoside**

Synonym(s): 2-[[[2-(β-D-Glucopyranosyloxy)-6-hydroxybenzoyl]oxy]methyl]phenyl β-D-glucopyranoside, 9Cl



CAS Registry Number: 72021-23-9

Molecular Formula: $C_{26}H_{32}O_{15}$
Molecular Weight: 584.53
Accurate Mass: 584.174125
Percentage Composition: C 53.43%; H 5.52%; O 41.06%
Source/Synthesis: Isol. from *Viburnum henryi*, *Alangium platanifolium* and *Prunus grayana* heartwood
Physical Description: Needles + $0.5H_2O$ (MeOH)
Melting Point: Mp 133-135°
Optical Rotation: $[\alpha]_D$ –22.8 (c, 0.39 in Py)

>>**Derivative:** 3"-Benzoyl

CAS Registry Number: 72021-33-1
Physical Description: Cryst. + H_2O (MeOH)
Melting Point: Mp 139-140°
Optical Rotation: $[\alpha]_D^{22}$ –17 (c, 1.0 in MeOH)

>>**Derivative:** 6-Benzoyl
Synonym(s): Pruyanaside B

CAS Registry Number: 123591-86-6

Molecular Formula: $C_{33}H_{36}O_{16}$
Molecular Weight: 688.638
Accurate Mass: 688.20034
Percentage Composition: C 57.56%; H 5.27%; O 37.17%
Biological Source: Isol. from *Prunus grayana* heartwood
Physical Description: Amorph. powder
Optical Rotation: $[\alpha]_D^{24}$ –19.3 (c, 1.05 in MeOH)

>>**Derivative:** 6-Benzoyl, octa-Ac

CAS Registry Number: 123563-43-9
Physical Description: Powder

>>**Derivative:** 6'-*O*-β-D-Glucopyranoside

CAS Registry Number: 189390-52-1

Molecular Formula: $C_{32}H_{42}O_{20}$
Molecular Weight: 746.672
Accurate Mass: 746.22695
Percentage Composition: C 51.48%; H 5.67%; O 42.86%
Biological Source: Constit. of *Alangium premnifolium*
Physical Description: Amorph. powder
Optical Rotation: $[\alpha]_D^{29}$ –34 (c, 1 in MeOH)
UV: [neutral] λ_{max} 212 (log ε 4.19); 275 (log ε 3.49) (MeOH)

References:

Rosendal, S. *et al.*, *Phytochemistry*, 1979, **18**, 904, *(isol, cmr, pmr)*
Shimomura, H. *et al.*, *Phytochemistry*, 1989, **28**, 1499, *(isol, ir, pmr)*
Otsuka, H. *et al.*, *Phytochemistry*, 1989, **28**, 3197, *(isol, ir, ms)*
Kijima, H. *et al.*, *Phytochemistry*, 1997, **44**, 1551, *(6'-glucoside)*