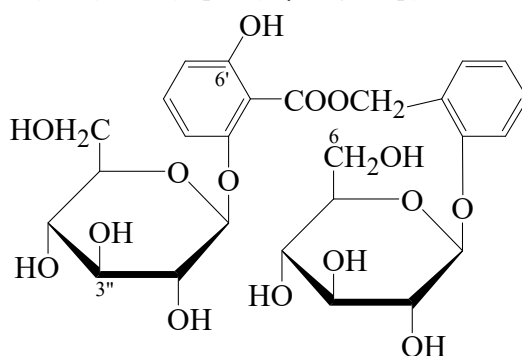




>>Entry Name: Henryoside

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



CAS Registry Number: 72021-23-9

Molecular Formula: C<sub>26</sub>H<sub>32</sub>O<sub>15</sub>

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<sub>2</sub>O (MeOH)

Melting Point: Mp 133-135°

Optical Rotation: [α]<sub>D</sub> −22.8 (c, 0.39 in Py)

>>Derivative: 3"-Benzoyl

CAS Registry Number: 72021-33-1

Physical Description: Cryst. + H<sub>2</sub>O (MeOH)

Melting Point: Mp 139-140°

Optical Rotation: [α]<sub>D</sub><sup>22</sup> −17 (c, 1.0 in MeOH)

>>Derivative: 6-Benzoyl

Synonym(s): Pruyanaside B

CAS Registry Number: 123591-86-6

Molecular Formula: C<sub>33</sub>H<sub>36</sub>O<sub>16</sub>

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: [α]<sub>D</sub><sup>24</sup> −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<sub>32</sub>H<sub>42</sub>O<sub>20</sub>

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: [α]<sub>D</sub><sup>29</sup> −34 (c, 1 in MeOH)

UV: [neutral] λ<sub>max</sub> 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*)