



Formula: C₂₇H₃₂O₁₄

MW: 580.54

CAS: 10236-47-2

MDL: MFCD00204244

TNP: TNP00553

(s)-yranosyl]oxy]-;
4H-1-Benzopyran-4-one,7-[[2-O-(6-deoxy-.alpha.-L-mannopyranosyl)-.beta.-D-glucopyranosyl]oxy]-2,3-dihydro-5-hydroxy-2-(4-hydroxyphenyl)-,(S)-;
4h-1-benzopyran-4-one,7-[[2-o-(6-deoxy-alpha-l-mannopyranosyl)-beta-d-glucop;
7-[[2-O-(6-deoxy-



LogP: -3.54

LogS: -2.83

Acceptors: 14

Donors: 8

Rotation Bonds: 4

Chiral Centers: 11

N+O: 14

LIPINSKY: 1

Info: Naringin

IUPAC: (2S)-7-[(2S,4S,5S,3R,6R)-3-((2S,6S,3R,4R,5R)-3,4,5-trihydroxy-6-methyl(2H-3,4,5,6-tetrahydropyran-2-yloxy))-4,5-dihydroxy-6-(hydroxymethyl)(2H-3,4,5,6-tetra

hydropyran-2-yloxy)]-5-hydroxy-2-(4-hydroxyphenyl)chroman-4-one

Smiles:

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c1([C@@H]2CC(c3c(cc(cc3O2)O[C@@H]2O[C@@H]([C@H]([C@@H]([C@H]2O[C@H]2[C@H](O)[C@H](O)[C@H]([C@@H](O2)C)O)O)O)CO)O)=O)ccc(cc1)O
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SOURCE: In grapefruit trees

Specification: Flavanones; Biochemistry; Disaccharides; Flavonoids; Glycosides; Sugars; Natural Plant Extract

7-(2-O-(6-deoxy-alpha-L-mannopyranosyl)-beta-D-glucopyranosyloxy)-2,3-dihydro-4',5,7-trihydroxyflavone Chemical Properties:

mp 166 C alpha -91