



Formula: C₃₀H₂₈O₁₂

MW: 580.55

CAS: 94392-49-1 or 96686-70-3

TNP NUMBER: TNP00169

MDL NUMBER: MFCD03158465

IUPAC: {6-[(2R)-5-hydroxy-2-(4-hydroxyphenyl)-4-oxochroman-7-yloxy]-3,4,5-trihydroxy-2H-3,4,5,6-tetrahydropyran-2-yl}methyl (2E)-3-(4-hydroxyphenyl)prop-2-enoate

Smiles:

c1(ccc([C@@H]2Oc3c(c(cc(OC4C(C(C(C(COC(=O)/C=Cc5ccc(cc5)O)O4)O)O)c3)O)C(C2)=O)cc1)O

REFERENCE: 1.D. Harikishna, et.al., Indian J Pharmacol, 2004, V.36, N4, 244-245

SOURCE: First isolated from nut shells of *Anacardium occidentale* (Anacardiaceae)

ACCEPTORS: 12

DONORS: 6

ROTATION BONDS: 12

N+O: 12

Chiral Centers: 6

LogP: 0.86

LogS: -4.26

LIPINSKI: 1

Synonyms:

4',5-DIHYDROXY-7-GLUCOSYLOXYFLAVANONE;NARINGENIN-7-O-GLUCOSIDE;NARINGENIN-7-GLUCOSIDE;PRUNIN;(S)-7-(beta-D-glucopyranosyloxy)-2,3-dihydro-5-hydroxy-2-(4-hydroxyphenyl)-4H-1-benzopyran-4-one;NARINGENIN-7-GLUCOSIDE hplc;NARINGENIN-7-O-GLUCOSIDE WITH HPLC;(2S)-2a-(4-Hydroxyphenyl)-5-hydroxy-7-(B-D-glucopyranosyloxy)-2,3-dihydro-4H-1-benzopyran-4-one

CAS:529-55-5

MF:C21H22O10

MW:434.39

EINECS:208-464-8

Product Categories:Flavanones NARINGENIN-7-O-GLUCOSIDE

Chemical Properties: mp 222-224C

Safety Information: Risk Statements 22 Safety Statements 22-45
NARINGENIN-7-O-GLUCOSIDE

Usage And Synthesis: NARINGENIN-7-O-GLUCOSIDE

