



Formula: C₂₁H₂₀O₁₀

MW: 432.38

CAS: 529-59-9

MDL:

TNP: TNP00618

7-(beta-d-glucopyranosyloxy)-3-(4-hydroxyphenyl)-4h-1-benzopyran-4-on;
genistein,7-beta-d-glucopyranoside; genistein,7-o-beta-d-glucoside; genistine;
4',5,7-TRIHIDROXYISOFLAVONE 7-GLUCOSIDE; 7-O-B-D-GLUCOPRYANOSYL
GENISTEIN; 7-O-BETA-D-GLUCOPYRANOSIDE; GENISTEIN



LogP: -1.76

LogS: -2.81

Acceptors: 10

Donors: 6

Rotation Bonds: 9

Chiral Centers: 5

N+O: 10

LIPINSKY: 3

IUPAC: 5-hydroxy-3-(4-hydroxyphenyl)-7-[3,4,5-trihydroxy-6-(hydroxymethyl)(2H-3,4,5,6-tetrahydropyran-2-yloxy)]chromen-4-one

Smiles: O=c1c2c(cc(cc2O)OC2OC(CO)C(C(C2O)O)O)occ1c1ccc(cc1)O

SOURCE: from Glycine max (soybean), >95% (HPLC)

Specification: Iso-Flavones; The group of Daidzin; Intermediates & Fine Chemicals;
Pharmaceuticals Genistin Chemical Properties:

mp 254C storage temp. -20C solubility DMSO: 10 mg/mL Merck 13,4402 Safety 22-24/25 WGK
Germany 3 RTECS DJ3093000 F 10 Genistin Usage And Synthesis Chemical Properties:

White Powder Usage A derivative of Genistein. Inhibitor Genistin