



Formula: C₄₂H₄₄O₂₂

MW: 900.8

MDL: MFCD09699803

TNP:

Soybean Genistein



LogP: -0.21

LogS: -3.3

Acceptors: 22

Donors: 0

Rotation Bonds: 20

Chiral Centers: 9

N+O: 22

LIPINSKY: 2

IUPAC: 4-(5-acetyloxy-4-oxo-7-{3,4,5-triacetyloxy-6-[(3,4,5-triacetyloxy(2H-3,4,5,6-tetrahydropyran-2-yloxy))methyl]}(2H-3,4,5,6-tetrahydropyran-2-yloxy))chromen-3-yl)phenyl acetate

Smiles:

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O1C(OCC2OC(C(C(C2OC(=O)C)OC(C)=O)OC(C)=O)Oc2cc(OC(=O)C)c3c(c2)occ(c2ccc(cc2)OC(C)=O)c3=O)C(C(C(C1)OC(C)=O)OC(=O)C)OC(=O)C
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SOURCE: Flavone

Specification: Soybean Genistein

Soybean Genistein Usage And Synthesis Soybean Genistein