



Formula: C₁₉H₂₀O₉

MW: 392.36

CAS: 4773-96-0

MDL:

TNP:

2-beta-d-glucopyranosyl-1,3,6,7-tetrahydroxy-9h-xanthen-9-on; alpizarin; aphloiol; chinomin; chinonin; hedsyarid; XANTHONE-C-GLUCOSIDE; MANGIFERN



LogP:

LogS:

Acceptors: 9

Donors: 6

Rotation Bonds: 8

Chiral Centers: 7

N+O: 9

LIPINSKY:

IUPAC: 2-[(2S,5S)-3,4,5-trihydroxy-6-(hydroxymethyl)(2H-3,4,5,6-tetrahydropyran-2-yl)]-1,3-dihydroxy-4a,9a-dihydroxanthen-9-one

Smiles:

C=1(O)C2C(c3ccccc3OC2C=C(C1[C@@H]1(OC(CO)[C@@H](O)[C@@H](C1O)(O)))O)=O

Specification: Xanthones; The group of Anemarrhenae; The group of Danshen Mangiferin

Chemical Properties:

mp 269-270C CAS DataBase Reference 4773-96-0 (CAS DataBase Reference) Safety
Information Hazard Codes T+, Xi Risk Statements 28-36/37/38 Safety Statements
22-28-36/37-45-36-26 RIDADR UN 3462 6.1/PG 1 WGK Germany 3 RTECS OP1927800
Mangiferin Usage And Synthesis Mangiferin