



Formula: C<sub>49</sub>H<sub>76</sub>O<sub>20</sub>

MW: 985.13

CAS: 17575-22-3

TNP NUMBER: TNP00610

MDL NUMBER: MFCD09788233

IUPAC: 6-(6-{6-[11,16-dihydroxy-2,15-dimethyl-14-(5-oxo(3-2-hydrofuryl))tetracyclo[8.7.0.0.0]heptadec-5-yloxy]-4-hydroxy-2-methyl(2H-3,4,5,6-tetrahydro pyran-3-yloxy)}-4-hydroxy-2-methyl(2H-3,4,5,6-tetrahydropyran-3-yl)oxy)-2-methyl-3-[3,4,5-trihyd

Smiles:

OC12C(C)(C(CC2)C=2COC(C2)=O)C(O)CC2C1CCC1C2(C)CCC(C1)OC1CC(O)C(C(O1)C)OC1CC(O)C(C(O1)C)OC1CC(OC(C)=O)C(C(O1)C)OC1OC(CO)C(C(C1O)O)O

glycoside, isolated from various species of Digitalis including D. Lanata Ehrh., Scrophulariaceae

THERAPEUTIC CATEGORY: Cardiotonic

ACCEPTORS: 20

DONORS: 8

ROTATION BONDS: 20

N+O: 20

Chiral Centers: 26

LogP: 1

LogS: -6.3

LIPINSKI: 1

Synonyms: LANATOSIDE C;20(22),5BETA-CARDENOLID-3BETA,12BETA,14BETA-TRIOL 3BETA-O-BETA-D-GLUCOPYRANOSYL-(1->4)-O-BETA-D-[3-O-ACETYLDIGITOXOPYRANO SYL]-(1->4)-O-BETA-D-DIGITOXOPYRANOSIDE-(1->4)-O-BETA-D-DIGITOXOPYRANOSIDE; cedilanid;digilanidc;digilanidec;isolanid;isolanide;LANATOSIDE C 97%

CAS:17575-22-3

MF:C49H76O20

MW:985.12

EINECS:241-546-1

Product Categories:Cardioglycosides & Glycosides;Carbohydrates;Carbohydrates A to;Carbohydrates H-LBiochemicals and Reagents;Oligosaccharide LANATOSIDE C

Chemical Properties: storage temp. -20C T Risk Statements 23/24/25 Safety Statements 36/37/39-45 RIDADR UN 2811 6.1/PG 2 WGK Germany 3 RTECS OE2100000 LANATOSIDE C

Usage And Synthesis: LANATOSIDE C

