



Formula: C₃₈H₄₇NO₁₃

MW: 725.79

CAS: 13292-22-3

TNP NUMBER: TNP00366

MDL NUMBER: MFCD04220760

IUPAC: (7S,11S,13S,17S,18S,12R,14R,15R,16R)-26-formyl-2,15,17,27,29-pentahydroxy-11-methoxy-3,7,12,14,16,18,22-heptamethyl-6,23-dioxo-8,30-dioxo-24-azatetracyclo[2.3.3.1.1.0]triaconta-1(28),2,4,9,19,21,25(29),26-octaen-13-yl acetate

Smiles:

Cc12c3c4c(c(c1O[C@](C2=O)(C)OC=C[C@@H]([C@H]([C@H]([C@@H]([C@@H]([C@@H]([C@H]([C@H]([C@H](C=CC=C(C(Nc(c4O)c(c3O)C=O)=O)C)C)O)C)O)C)OC(C)=O)C)OC)O

Semisynthetic antibiotic derived from Rifamycin S

THERAPEUTIC CATEGORY: Antibacterial

ACCEPTORS: 13

DONORS: 6

ROTATION BONDS: 5

N+O: 14

Chiral Centers: 9

LogP: 3.93

LogS: -5.92

LIPINSKI: 1

Synonyms:

,2-dihydro-5,6,9,17,19,21-hexahydroxy-23-methoxy-2,4,12,16,18,20,22-heptamethy;11-dioxo-l-21-acetate;2,7-(epoxypentadeca(1,11,13)trienimino)naphtho(2,1-b)furan-8-carboxaldehyde,1;3-formylrifampicinsv;3-formylrifamycin;nci145-635;rifaldehyde;3-FORMYL RIFAMYCIN SV

CAS:13292-22-3

MF:C38H47NO13

MW:725.78

EINECS:236-311-5

Product Categories:Various Metabolites and Impurities;Intermediates & Fine Chemicals;Metabolites & Impurities;Pharmaceuticals 3-FORMYL RIFAMYCIN SV

Chemical Properties: mp 182-184C 3-FORMYL RIFAMYCIN SV

Usage And Synthesis:

Chemical Properties: Black-Red Solid UsageA metabolite of Rifampicin, a Rifamycin antibiotic 3-FORMYL RIFAMYCIN SV

