



Formula: C₄₃H₅₈N₄O₁₂

MW: 822.95

CAS: 13292-46-1

TNP NUMBER: TNP00313

MDL NUMBER: MFCD02185266

IUPAC: 26-[(1E)-2-(4-methylpiperazinyl)-2-azavinyl]-2,15,17,27,29-pentahydroxy-11-methoxy-3,7,12,14,16,18,22-heptamethyl-6,23-dioxo-8,30-dioxo-24-azatetracyclo[23.3.1.1.0]triaconta-1,3,5(28),9,19,21,25(29),26-octaen-13-yl acetate

Smiles:

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c12c(c(c3c4c(c(c(c3O)NC(C(=CC=C[C@@H]([C@@H]([C@H]([C@H]([C@H]([C@@H]([C@@H]([C@H]([C@H](C=CO[C](C(c14)=O)(O2)C)OC)C)OC(C)=O)C)O)C)O)C)C)=O)/C=NN1CCN(CC1)C)O)C
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THERAPEUTIC CATEGORY: Antibacterial (tuberculostatic)

SOURCE: Semisynthetic antibiotic obtained by reacting 3-formylrifamicyn SV with 1-amino-4-methylpiperazine in THF

ACCEPTORS: 12

DONORS: 6

ROTATION BONDS: 5

N+O: 16

Chiral Centers: 9

LogP: 4.29

LogS: -6.59

LIPINSKI: 1

Synonyms: Rifampin for Injection, USP

CAS:

MF:

MW:0

EINECS:

Product Categories: Rifampin for Injection, USP Rifampin for Injection, USP

Usage And Synthesis: Rifampin for Injection, USP

