



Formula: C₁₅H₂₂O₅

MW: 282.34

CAS: 63968-64-9

MDL: MFCD00552958

TNP: TNP00107

[3r-(3r,5as,6s,8as,9r,10r,12s,12ar**)]-decahydro-3,6,9-trimethyl-3,12-epoxy-12h-pyrano[4,3-j]-1,2-benzodioxepin-10-one; ALPHA BETA ARTEMISININ; ARTEMISINE; ARTEMISIA P E; ARTEMISIA ANNUA; ARTEMISININE; ARTEMISININ; ARTEANNUIN



LogP: 3.54

LogS: -4.64

Acceptors: 5

Donors: 0

Rotation Bonds: 0

Chiral Centers: 7

N+O: 5

LIPINSKY: 4

IUPAC: 1,5,9-trimethyl-11,14,15,16-tetraoxatetracyclo[10.3.1.0.0]hexadeca n-10-one

Smiles: O1C2C34C(C(C)C1=O)CCC(C4CCC(OO3)(C)O2)C

SOURCE: From the closed, unexpanded flower heads of several Artemisia spp. Found in the mother liquors from the extraction of santonin

Specification: Active Pharmaceutical Ingredients; Miscellaneous Natural Products; Others (Antibiotics for Research and Experimental Use); Antibiotics for Research and Experimental Use; Biochemistry; Standard extract; Natural Plant Extract; Intermediates & Fine Chemicals; Pharmaceuticals; Miscellaneous Compounds Artemisinin Chemical Properties:

mp 156-157 C(lit.) alpha 76