

Product Name : Cepharanthine

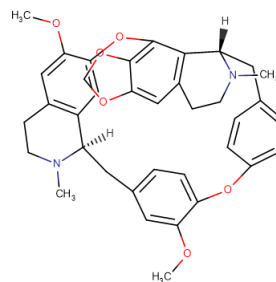
Synonyms : O-Methylcepharanoline; NSC 623442

Cat No. : M14609

CAS Number : 481-49-2

Molecular Formula : C₃₇H₃₈N₂O₆

Formula Weight : 606.73



Chemical Name : (15S,31R)-36,53-dimethoxy-16,32-dimethyl-15,16,17,18,31,32,33,34-octahydro-2,6-dioxo-1(4,5)-[1,3]dioxolo[4,5-g]isoquinolina-3(7,1)-isoquinolina-5,7(1,4)-dibenzenacyclooctaphane

Description : Cepharanthine is a biscoclaurine alkaloid inhibiting tumor necrosis factor (TNF)-α-mediated NFκB stimulation, plasma membrane lipid peroxidation and platelet aggregation and suppressing cytokine production.

Pathway : Others

Target : Other Targets

Receptor : Others

Solubility : DMSO: 100 mg/mL (164.82 mM)

SMILES : COC1=CC2=C3C=C1OC4=C(OC5)C5=CC6=C4[C@@](C7=CC=C(OC(C(OC)=C8)=CC=C8C[C@@]3([H])N(C)CC2)C=C7)([H])N(C)CC6

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1.Huang H, et al. Inflammation. 2014 Feb;37(1):235-46.