

Product Name : Anisomycin
Synonyms : Flagecidin;Wuningmeisu C

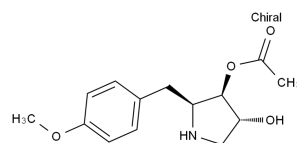
Cat No. : M13631

CAS Number : 22862-76-6

Molecular Formula : C₁₄H₁₉NO₄

Formula Weight : 265.31

Chemical Name : 3,4-Pyrrolidinediol, 2-[(4-methoxyphenyl)methyl]-, 3-acetate, (2R,3S,4S)-



Description : An antibiotic that inhibits eukaryotic protein synthesis by inhibiting peptidyl transferase or the 80S ribosome system; sensitizes RCC cells to DR4-mediated apoptosis through the induction of DR4.

Pathway : GPCR/G Protein

Target : Antibacterial

Receptor : JNK

Solubility : 10 mM in DMSO

SMILES : CC(=O)O[C@@H]1[C@@H](OC(C)=O)[C@@H](CC2=CC=C(OC)C=C2)NC1

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Grollman AP. J Biol Chem. 1967 Jul 10;242(13):3226-33. | 2. Li Y, et al. Anticancer Drugs. 2017 Feb;28(2):180-186. | 3. Sorg BA, et al. Neuropharmacology. 2015 May;92:25-33.