

Product Name : CEP-28122 mesylate

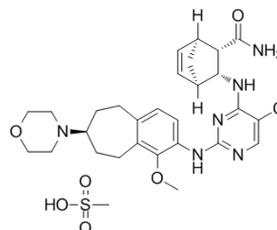
Synonyms : —

Cat No. : M16991

CAS Number :

Molecular Formula : C₂₉H₃₉ClN₆O₆S

Formula Weight : 635.17



Chemical Name : Bicyclo[2.2.1]hept-5-ene-2-carboxamide, 3-[[5-chloro-2-[[[(7S)-6,7,8,9-tetrahydro-1-methoxy-7-(4-morpholinyl)-5H-benzocyclohepten-2-yl]amino]-4-pyrimidinyl]amino]-, (1S,2S,3R,4R)-, methanesulfonate (1:1)

Description : A highly potent and selective, orally active ALK inhibitor with IC₅₀ of 1.9 nM; exhibits no-to-weak inhibition against a panel of 259 kinases and only 15 kinases shows >90% inhibition at 1 μM; shows growth inhibition/cytotoxicity of ALCL, NSCLC, and neuroblastoma cells, and displays dose-dependent inhibition of ALK tyrosine phosphorylation in tumor xenografts in mice (30 mg/kg).

Pathway : Angiogenesis

Target : ALK

Receptor : ALK

Solubility : DMSO: ≥ 6.4 mg/mL; DMSO < 9.2 mg/mL

SMILES : —

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Cheng M, et al. Mol Cancer Ther. 2012 Mar;11(3):670-9.| 2. Sullivan I, et al. Ther Adv Med Oncol. 2016 Jan;8(1):32-47.