

Product Name : Naquotinib mesylate

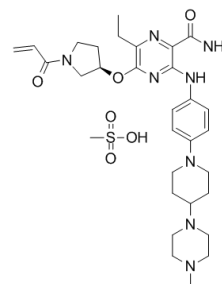
Synonyms : ASP-8273

Cat No. : M11914

CAS Number : 1448237-05-5

Molecular Formula : C₃₁H₄₆N₈O₆S

Formula Weight : 658.81



Chemical Name : 2-Pyrazinecarboxamide, 6-ethyl-3-[[4-[4-(4-methyl-1-piperazinyl)-1-piperidinyl]phenyl]amino]-5-[[[(3R)-1-(1-oxo-2-propen-1-yl)-3-pyrrolidinyl]oxy]-, methanesulfonate (1:1)

Description : Naquotinib (ASP-8273) is a potent, irreversible, mutant-selective inhibitor of EGFR (IC₅₀=8-33 nM for (L858R, exon 19 deletion, L858R/T790M, and del19/T790M)); more potently than that of WT EGFR (IC₅₀= 230 nM); shows activity in mutant EGFR cell line which is resistant to other EGFR TKIs including AZD9291 and CO-1686. Lung Cancer Phase 3 Clinical

Pathway : Angiogenesis

Target : EGFR

Receptor : EGFR

Solubility : DMSO: 12.5 mg/mL

SMILES : CCC1=C(N=C(C(=N1)C(=O)N)NC2=CC=C(C(=C2)N3CCC(CC3)N4CCN(CC4)C)OC5CCN(C5)C(=O)C=C.CS(=O)(=O)O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Wang S, et al. J Hematol Oncol. 2016 Apr 12;9:34.