

Product Name : Icotinib Hydrochloride

Synonyms : BPI-2009H

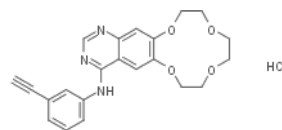
Cat No. : M17189

CAS Number : 1204313-51-8

Molecular Formula : C₂₂H₂₂ClN₃O₄

Formula Weight : 427.88

Chemical Name : —



Description : Icotinib Hydrochloride is the hydrochloride salt form of icotinib, an orally available quinazoline-based inhibitor of EGFR, with potential antineoplastic activity. Icotinib selectively inhibits the wild-type and several mutated forms of EGFR tyrosine kinase. This may lead to an inhibition of EGFR-mediated signal transduction and may inhibit cancer cell proliferation. EGFR, a receptor tyrosine kinase, has been upregulated in a variety of cancer cell types.

Pathway : Others

Target : Other Targets

Receptor : EGFR; EGFR mutants

Solubility : DMSO : 25 mg/mL. 58.43 mM;

SMILES : C#Cc1cc(ccc1)Nc1ncnc2cc3OCCOCCOCCOc3cc12.Cl

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Tan F, et al. Lung Y. 2012 May;76(2):177-82.