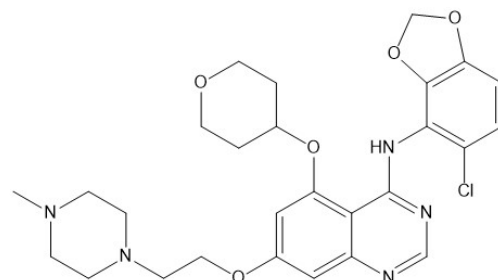


Saracatinib, Src family kinase inhibitor

Catalog	Unit
TBI2901-5MG	5 mg
TBI2901-25MG	25 mg

Product Details

Formal Name: N-(5-Chloro-1,3-benzodioxol-4-yl)-7-[2-(4-methyl-1-piperazinyl)ethoxy]-5-[(tetrahydro-2H-pyran-4-yl)oxy]-4-quinazolinamine
Alternate Names: AZD0530
Molecular Formula: C₂₇H₃₂ClO₅N₅
Formula Weight: 542.00
CAS Number: 379231-04-6
Purity: >98%
Formulation: powder
Solubility: Soluble in DMSO (up to 50 mg/ml) or Ethanol (up to 54 mg/ml, warm).
Storage: -20°C
Stability: ≥ 2 years.



Applications

Src family kinase inhibitor

Functions

Potent and selective inhibitor of Src family kinases, IC₅₀=4-10 nM for Src, c-Yes, Fyn, Lyn, Blk, Fgr and Lck. Demonstrates potent antimigratory, anti-invasive and antiproliferative activity and inhibits metastasis in a mouse model of bladder cancer. Inhibits MERS-CoV at early stages of the viral life cycle at mM concentrations. Rescues memory performance and reduces phospho-Tau accumulation in traumatic tauopathy. Rescues memory deficits and synaptic depletion in an Alzheimer's mouse model.

Application Procedures

First dissolved in DMSO (up to 50 mg/ml) or Ethanol (up to 54 mg/ml, warm), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20°C for up to 3 months.

For research use only.