

CP 673451

Cat. No. CEI-0892

Lot. No. (See product label)

Introduction

Description CP 673451 is a highly selective PDGFR inhibitor, equipotent to PDGFR- α/β with IC₅₀ of 10 nM/1 nM, >250-fold more selective for PDGFR than c-Kit, VEGFR1/2, Tie-2, FGFR-2.

Synonyms CP673451

Product Information

CAS No. 343787-29-1

Molecular Formula C₂₄H₂₇N₅O₂

Chemical Name 1-(2-(5-(2-methoxyethoxy)-1H-benzo[d]imidazol-1-yl)quinolin-8-yl)piperidin-4-amine

Molecular Weight 417.5

Targets PDGFR- α/β

IC₅₀ 10 nM; 1 nM

Solubility DMSO 42 mg/mL; Water <1 mg/mL; Ethanol 4 mg/mL

Storage and Shipping Information

Storage 2 years -20 centigrade Powder; 2 weeks 4 centigrade in DMSO; 6 months -80 centigrade in DMSO.