

Dovitinib (TKI-258)

Cat. No. CEI-0073

Lot. No. (See product label)

Introduction

Description Dovitinib (TKI-258) can inhibit VEGFR1, VEGFR2, VEGFR3, PDGFR-alpha, PDGFR-beta, FGFR1, FGFR3, Flt3, and c-Kit with IC50 of 10 nM, 13 nM, 8 nM, 210 nM, 27 nM, 8 nM, 9 nM, 1 nM and 2 nM.

Synonyms CHIR-258

Product Information

CAS No. 405169-16-6

Molecular Formula C21H21FN6O

Chemical Name 1-amino-5-fluoro-3-(6-(4-methylpiperazin-1-yl)-1H-benzo[d]imidazol-2-yl)quinolin-2(1H)-one

Molecular Weight 392.43

Purity >99%

Targets VEGFR1/VEGFR2/VEGFR3, PDGFR-alpha/PDGFR-beta, FGFR1/FGFR3, Flt3, c-Kit

Solubility DMSO 30 mg/mL Water

Storage and Shipping Information

Storage 2 years at -20centigrade Powder