

Regorafenib (methanesulfonate)

Cat. No. CEI-1149

Lot. No. (See product label)

Introduction

Description Regorafenib (BAY 73-4506, Fluoro-Sorafenib) is a multi-target inhibitor for VEGFR1, VEGFR2, VEGFR3, PDGFR β , Kit, RET and Raf-1 with IC₅₀ of 13 nM/4.2 nM/46 nM, 22 nM, 7 nM, 1.5 nM and 2.5 nM, respectively.

Synonyms FLT, FLT-1, VEGFR-1, VEGFR1

Product Information

CAS No. 835621-08-4

Molecular Formula C₂₁H₁₅ClF₄N₄O₃

Chemical Name 4-(4-(3-(4-chloro-3-(trifluoromethyl)phenyl)ureido)-3-fluorophenoxy)-N-methylpicolinamide

Molecular Weight 482.82

Purity > 95%

Targets VEGFR1, VEGFR2, VEGFR3, PDGFR β , Kit, RET, Raf-1

IC₅₀ 13 nM, 4.2 nM, 46 nM, 22 nM, 7 nM, 1.5 nM, 2.5 nM,

Solubility DMSO > 112mg/mL Water >1mg/mL Ethanol > 4mg/mL

Storage and Shipping Information

Storage 4 centigrade

Stability 2 years -20 centigrade Powder 1 month -4 centigrade in DMSO More than one month -80 centigrade in DMSO