Creative Enzymes®

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, PDGFRβ, 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, PDGFRβ, 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