Creative Enzymes®

Semaxanib (SU5416)

Cat. No. CEI-0880

Lot. No. (See product label)

Introduction

Description	Semaxanib (SU5416) is a potent and selective VEGFR(Flk-1/KDR) inhibitor with IC50 of 1.23 μM, 20-fold more selective for VEGFR than PDGFRβ, lack of activity against EGFR, InsR and FGFR. Phase 3.

Product Information

CAS No.	194413-58-6
Molecular Formula	C15H14N2O
Chemical Name	2H-Indol-2-one, 3-[(3,5-dimethyl-1H-pyrrol-2-yl)methylene]-1,3-dihydro-, (3Z)-
Molecular Weight	238.28
Targets	VEGFR (Flk-1/KDR)
IC50	1.23 μM
Solubility	DMSO 22 mg/mL; Water <1 mg/mL; Ethanol 2 mg/mL

Storage and Shipping Information

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