

Semaxanib (SU5416)

Cat. No. CEI-0880

Lot. No. (See product label)

Introduction

Description Semaxanib (SU5416) is a potent and selective VEGFR(FIk-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 (FIK-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.