

## 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 IC<sub>50</sub> 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** C<sub>15</sub>H<sub>14</sub>N<sub>2</sub>O

**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)

**IC<sub>50</sub>** 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.