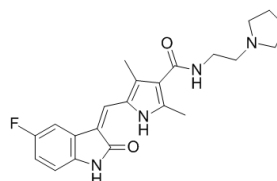


Product Name : Toceranib
Synonyms : SU11654,PHA 291639E
Cat No. : M22125
CAS Number : 356068-94-5
Molecular Formula : C₂₂H₂₅FN₄O₂
Formula Weight : 396.46
Chemical Name : —



Description : Toceranib phosphate is an orally active inhibitor of tyrosine kinase (RTK) receptor, and it potently inhibits PDGFR, VEGFR, and Kit (with K_is of 5 and 6 nM for PDGFRβ and Flk-1/KDR, respectively), has antitumor and antiangiogenic activity. Administration of toceranib significantly decreased the number and percentage of Treg in the peripheral blood of dogs with cancer. Dogs receiving toceranib and CYC demonstrated a significant increase in serum concentrations of IFN-γ, which was inversely correlated with Treg numbers after 6 weeks of combination treatment.

Pathway : Angiogenesis
Target : PDGFR
Receptor : PDGFR; VEGFR; Kit
Solubility : DMSO: 2.4 mg/mL (6.05 mM; Need ultrasonic)
SMILES : Cc1[nH]c(\C=C2/C(=O)Nc3ccc(F)cc23)c(C)c1C(=O)NCCN1CCCC1
Storage : (-20°C)
Stability : ≥ 2 years
Reference :

1. Mitchell L, et al. Clinical and immunomodulatory effects of toceranib combined with low-dose cyclophosphamide in dogs with cancer. J Vet Intern Med. 2012 Mar-Apr;26(2):355-62.