Creative Enzymes®

Motesanib Diphosphate (AMG-706)

Cat. No. CEI-0928

Lot. No. (See product label)

Introduction

Description	Motesanib Diphosphate (AMG-706) is a potent ATP-competitive inhibitor of VEGFR1/2/3 with IC50 of 2 nM/3 nM/6 nM, respectively; similar activity against Kit, ~10-fold more selective for VEGFR than PDGFR and Ret. Phase 1/2.

Product Information

CAS No.	857876-30-3
Molecular Formula	C22H23N5O.2H3PO4
Chemical Name	3-Pyridinecarboxamide, N-(2,3-dihydro-3,3-dimethyl-1H-indol-6-yl)-2-[(4-pyridinylmethyl)amino]-, phosphate (1:2)
Molecular Weight	569.44
Targets	VEGFR1, VEGFR2, VEGFR3, PDGFR, c-Kit, Ret
IC50	2 nM; 3 nM; 6 nM; 84 nM; 8 nM; 59 nM
Solubility	DMSO 100 mg/mL; Water 100 mg/mL; Ethanol <1 mg/mL

Storage and Shipping Information

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