

Product Name	: Sitravatinib
Synonyms	: MGCD-516;MG-516
Cat No.	: M10435
CAS Number	: 1123837-84-2
Molecular Formula	: C ₃₃ H ₂₉ F ₂ N ₅ O ₄ S
Formula Weight	: 629.68
Chemical Name	: 1,1-Cyclopropanedicarboxamide, N-[3-fluoro-4-[[2-[5-[(2-methoxyethyl)amino]methyl]-2-pyridinyl]thieno[3,2-b]pyridin-7-yl]oxy]phenyl]-N-(4-fluorophenyl)-
Description	: A novel, broad spectrum small molecule inhibitor that blocks a wide array of RTKs known to be amplified/overexpressed in sarcomas, including c-Kit, PDGFR β , PDGFR α , c-Met, and Axl (IC ₅₀ =1.5-30 nM); significantly blocks the phosphorylation of potential driver RTKs and induces potent anti-proliferative effects in vitro; suppresses tumor growth in tumor xenografts in vivo. Lung Cancer Phase 2 Clinical
Pathway	: Angiogenesis
Target	: c-Kit
Receptor	: DDR2;EPHA3;Axl;Mer;VEGFR3(FLT4)
Solubility	: DMSO: $\geq$ 32 mg/mL
SMILES	: <chem>O=C(C1(C(NC2=CC=C(F)C=C2)=O)CC1)NC3=CC=C(OC4=C5C(C=C(C6=NC=C(CNCCOC)C=C6)S5)=NC=C4)C(F)=C3</chem>
Storage	: (-20°C)
Stability	: $\geq$ 2 years
Reference	:

1. Patwardhan PP, et al. Oncotarget. 2016 Jan 26;7(4):4093-109.