

Product Name	: Tepotinib
Synonyms	: EMD-1214063; EMD 1214063; EMD1214063
Cat No.	: M10385
CAS Number	: 1100598-32-0
Molecular Formula	: C ₂₉ H ₂₈ N ₆ O ₂
Formula Weight	: 492.57
Chemical Name	: Benzonitrile, 3-[1,6-dihydro-1-[[3-[5-[(1-methyl-4-piperidyl)methoxy]-2-pyrimidinyl]phenyl]methyl]-6-oxo-3-pyridazinyl]-
Description	: Tepotinib (EMD-1214063) is a potent and highly selective c-Met inhibitor with IC ₅₀ of 3 nM; shows selectivity versus a panel of 242 human kinases; inhibits c-Met phosphorylation and downstream signaling in a dose-dependent fashion; induces regression of human tumors in murine xenograft models. Liver Cancer Phase 2 Clinical
Pathway	: Angiogenesis
Target	: c-Met/HGFR
Receptor	: AXL; c-Met; TrkA
Solubility	: DMSO: 27 mg/mL
SMILES	: <chem>N#CC1=CC=CC(C(C=C2)=NN(CC3=CC=CC(C4=NC=C(OCC5CCN(C)CC5)C=N4)=C3)C2=O)=C1</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Bladt F, et al. Clin Cancer Res. 2013 Jun 1;19(11):2941-51. | 2. Mikami K, et al. Mol Cancer Res. 2015 Dec;13(12):1544-53.