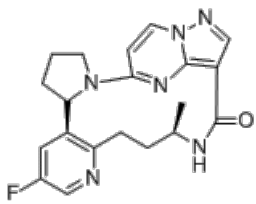


Product Name	: LOXO-195
Synonyms	: Selitrectinib; LOXO 195; LOXO195
Cat No.	: M13304
CAS Number	: 2097002-61-2
Molecular Formula	: C20H21FN6O
Formula Weight	: 380.43
Chemical Name	: (13E,14E,22R,6R)-35-fluoro-6-methyl-7-aza-1(5,3)-pyrazolo[1,5-a]pyrimidina-3(3,2)-pyridina-2(1,2)-pyrrolidinacyclooctaphan-8-one
Description	 LOXO-195 (Selitrectinib; LOXO 195, LOXO195) is a potent, selective, next-generation Trk tyrosine kinase inhibitor with IC50 of 0.6 nM and <2.5 nM for WT TrkA and WT TrkC, respectively; also displays high potency against mutant TrkA G595R, TrkA G667C, TrkC G623R and TrkC G696A with IC50 of 2.0, 9.8, 2.3 and <2.5 nM, respectively; overcomes acquired resistance mediated by recurrent kinase domain (solvent front and xDFG) mutations identified in multiple patients. Lung Cancer Phase 1 Clinical
Pathway	: Tyrosine Kinase
Target	: Trk Receptor
Receptor	: Trk Receptor
Solubility	: DMSO : 62.5 mg/mL 164.29 mM
SMILES	: <chem>FC1=CN=C(C[C@@H](C)NC(C2=C3N(C=CC4=N3)N=C2=O)C([C@@H]5N4CCC5)=C1</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Dilon A, et al. Cancer Discov. 2017 Sep;7(9):963-972.