

## Product Datasheet

### Selitrectinib (orb1299822)

<b>Catalog Number</b>	orb1299822
<b>Category</b>	Small Molecules
<b>Description</b>	Selitrectinib (LOXO-195) is a highly potent and selective next-generation TRK inhibitor, targeting TrkA and TrkC with IC50 values of 0.6 and <2.5 nM, respectively. It is a valuable research tool for studying TRK-driven cancers, demonstrating activity in both cellular assays and in vivo models of acquired resistance to first-generation TRK inhibitors.
<b>Target</b>	Trk receptor
<b>Purity</b>	99.83% (May vary between batches)
<b>MW</b>	380.42
<b>Target Areas</b>	Trk receptor
<b>Solubility (25°C)</b>	10% DMSO+40% PEG300+5% Tween 80+45% Saline:2 mg/mL (5.26 mM);DMSO:65 mg/mL (170.86 mM)
<b>CAS Number</b>	2097002-61-2
<b>Formula</b>	C <sub>20</sub> H <sub>21</sub> FN <sub>6</sub> O
<b>SMILES</b>	[H][C@]12CCCN1c1ccn3ncc(C(=O)N[C@H](C)CCc4ncc(F)cc24)c3n1
<b>Storage</b>	Powder: -20°C for 3 years   In solvent: -80°C for 1 year   Shipping with blue ice/Shipping at ambient temperature.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

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