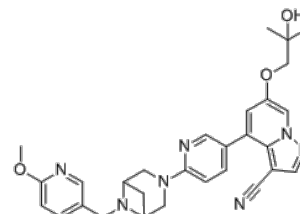


Product Name : LOXO-292
Cat. No. : PC-60209
CAS No. : 2152628-33-4
Molecular Formula : C₂₉H₃₁N₇O₃
Molecular Weight : 525.613
Target : RET Tyrosine Kinase (c-RET)
Solubility : 10 mM in DMSO



2. *Cancer Discov.* 2018 Aug;8(8):904-905.

Biological Activity

LOXO-292 (Selpercatinib, LOXO 292, LOXO292) is a potent, selective, orally available **RET kinase** inhibitor with IC₅₀ of 14.0 nM, 24.1 nM, and 530.7 nM for RET (WT), RET (V804M), and RET (G810R), respectively.

LOXO-292 displays >100-fold selectivity versus important off-targets.

LOXO-292 shows anti-tumor activity in the brain and periphery in RET-dependent tumor models in vivo.

References

Subbiah V, et al. *Ann Oncol.* 2018 Aug 1;29(8):1869-1876.

