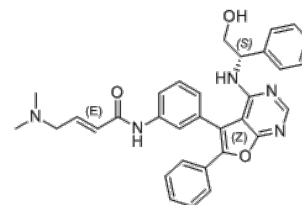


Product Name : DBPR112
Cat. No. : PC-73088
CAS No. : 1226549-49-0
Molecular Formula : C₃₂H₃₁N₅O₃
Molecular Weight : 533.632
Target : EGFR
Solubility : 10 mM in DMSO



Biological Activity

Gozanertinib (DBPR112) is a highly potent, selective inhibitor of **EGFR mutant L858R/T790M** (IC₅₀=48 nM) and exon 20 insertion mutations.

DBPR112 inhibited HCC827 cell growth with IC₅₀ of 25 nM, exhibited tenfold potency better than the third-generation inhibitor, osimertinib, against EGFR and HER2 exon 20 insertion mutations.

DBPR112 demonstrated significant antitumor efficacy in in vivo xenograft models.

References

Shu-Yu Lin, et al. *J Med Chem.* 2019 Nov 27;62(22):10108-10123.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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