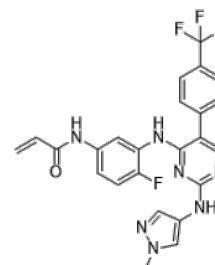


**Product Name** : Pebezeritinib  
**Cat. No.** : PC-24971  
**CAS No.** : 2769954-39-2  
**Molecular Formula** : C<sub>24</sub>H<sub>19</sub>F<sub>4</sub>N<sub>7</sub>O  
**Molecular Weight** : 497.46  
**Target** : EGFR  
**Solubility** : 10 mM in DMSO



CAS: 2769954-39-2

### Biological Activity

Pebezeritinib (BLU-451, LNG-451) is a potent, CNS-penetrant, wild-type EGFR sparing inhibitor of EGFR exon 20 insertion mutations, as well as atypical (G719C, G719S, L861Q) and common EGFR mutants.

Pebezeritinib (BLU-451, LNG-451) demonstrated nanomolar potency in multiple atypical and exon 20 insertion mutation cell lines with selectivity against WT EGFR in BaF3 cells.

Pebezeritinib (BLU-451, LNG-451) shows potent antitumor activity, including in an intracranial xenograft model.

### References

Xiuning Le, et al. Mol Cancer Ther (2023) 22 (12\_Supplement): C151.

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

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