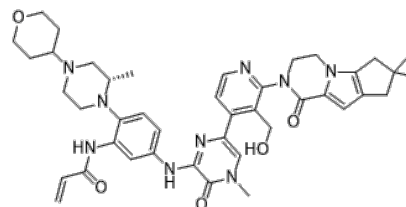


Product Name : Rocbrutinib
Cat. No. : PC-23081
CAS No. : 2485861-07-0
Molecular Formula : C₄₂H₅₁N₉O₅
Molecular Weight : 761.93
Target : BTK
Solubility : 10 mM in DMSO



CAS: 2485861-07-0

Biological Activity

Rocbrutinib (LP-168) is a potent, highly selective, orally available next-generation inhibitor of Bruton's tyrosine kinase (**BTK**) inhibitor with IC₅₀ of 0.11 nM against wild-type BTK and IC₅₀ of 1.0 nM against **C481S**-mutated BTK.

Rocbrutinib (LP-168) can bind wild-type BTK covalently and C481-mutated BTK non-covalently (reversibly).

Rocbrutinib (LP-168) reduces the viability of leukemia cells, induces cytotoxicity and inhibits cell migration, shows preclinical activity in resistant CLL models.

References

- Patent WO2020176403 A1.
- Britten Gordon BS, et al. **Blood** (2025) 146 (Supplement 1): 1532.

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

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