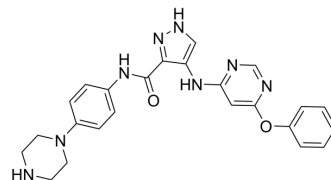


LT-540-717

| | |
|--------------------|---|
| Cat. No.: | HY-155594 |
| CAS No.: | 2143089-35-2 |
| Molecular Formula: | C ₂₄ H ₂₄ N ₈ O ₂ |
| Molecular Weight: | 456.5 |
| Target: | FLT3 |
| Pathway: | Protein Tyrosine Kinase/RTK |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

Description

LT-540-717 (compound 32) is a potent FLT3 inhibitor (IC₅₀=0.62 nM) with antiproliferative activity. LT-540-717 also inhibits several acquired FLT3 mutations, FLT3 (ITD, D835V), FLT3 (ITD, F691L), FLT3 (D835Y) and FLT3 (D835V). LT-540-717 has potential to be an anti-AML agent^[1].

REFERENCES

[1]. Zhi Y, et al. Rational design of 4-((6-phenoxy pyrimidin-4-yl)amino)-N-(4-(piperazin-1-yl)phenyl)-1H-pyrazole-3-carboxamide (LT-540-717) as orally bioavailable FLT3 inhibitor. *Eur J Med Chem.* 2023 Aug 5;256:115448.

Caution: Product has not been fully validated for medical applications. For research use only.

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