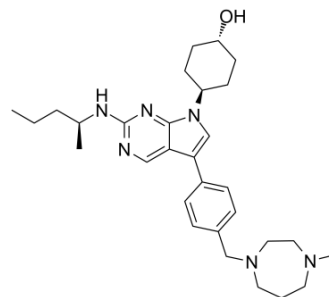


UNC4203

| | |
|--------------------|-------------------------------------------------------------------------------------------|
| Cat. No.: | HY-124502 |
| CAS No.: | 1818234-19-3 |
| Molecular Formula: | C ₃₀ H ₄₄ N ₆ O |
| Molecular Weight: | 504.71 |
| Target: | TAM Receptor; FLT3 |
| Pathway: | Protein Tyrosine Kinase/RTK |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

| | |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description | UNC4203 is a potent, orally available and highly selective MERTK inhibitor, with IC ₅₀ of 1.2 nM, 140 nM, 42 nM and 90 nM for MERTK, AXL, TYRO3 and FLT3, respectively ^[1] . |
| In Vivo | Mice are treated with UNC4203 (compound 24) at a dose of 10 mg/kg administered via oral (po) or iv routes. Under the condition, UNC4203 (compound 24) has 58% oral bioavailability with a 7.8 h half-life, 1.7 L/kg volume of distribution, and 36 mL/min/kg clearance ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only. |

REFERENCES

[1]. Hongchao Zheng, et al. UNC5293, a potent, orally available and highly MERTK-selective inhibitor. Eur J Med Chem. 2021 Aug 5;220:113534.

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

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