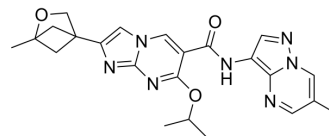


BIO-7488

| | |
|--------------------|---|
| Cat. No.: | HY-162359 |
| CAS No.: | 2573211-25-1 |
| Molecular Formula: | C ₂₃ H ₂₅ N ₇ O ₃ |
| Molecular Weight: | 447.49 |
| Target: | IRAK |
| Pathway: | Immunology/Inflammation |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

| | |
|---------------------------|--|
| Description | BIO-7488 is a potent, selective, oral active and CNS-penetrant IRAK4 inhibitor with the IC ₅₀ of 0.6 nM and > 30 μM for IRAK4 and hERG, respectively ^[1] . |
| IC ₅₀ & Target | hIRAK4 0.6 nM (IC ₅₀) |

REFERENCES

[1]. Ryan Evans, et al. The Discovery of 7-Isopropoxy-2-(1-methyl-2-oxabicyclo[2.1.1]hexan-4-yl)-N-(6-methylpyrazolo[1,5-a]pyrimidin-3-yl)imidazo[1,2-a]pyrimidine-6-carboxamide (BIO-7488), a Potent, Selective, and CNS-Penetrant IRAK4 Inhibitor for the Treatment of Ischemic Stroke. *J. Med. Chem.* 2024.

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

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