

Product Datasheet

CHR-2797

Catalog No. **BP-02514** · CAS **238750-77-1** · Form **free base** · Physical state **solid** · Color **White to yellow** · Version **1.0** · Revision **2026-09-10**

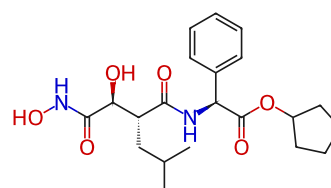
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Target Aminopeptidase	Research area Cancer
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Molecular formula **C₂₁H₃₀N₂O₆**

Molecular weight **406.4727**

STRUCTURE



DESCRIPTION

Tosedostat (CHR-2797) is an orally active aminopeptidase inhibitor. CHR-2797 exerts antiproliferative effects against a range of tumor cell lines .

BIOLOGICAL ACTIVITY

Tosedostat (CHR2797) is an aminopeptidase inhibitor with IC₅₀ of 100, 150, 220, <1000, <5000, <10000 and <30000 nM for LAP, PuSA, aminopeptidase N, aminopeptidase B, PILSAP, LTA4 hydrolase and MetAP2, respectively. It has demonstrated anti-tumour activity in a number of models of cancer, both as a single agent and in synergy with cytotoxic agents such as carboplatin and paclitaxel.

SOLUBILITY

Soluble in DMSO

REFERENCES

[1]. Harris PA, et al. Discovery of a First-in-Class Receptor Interacting Protein 1 (RIP1) Kinase Specific Clinical Candidate (GSK2982772) for the Treatment of Inflammatory Diseases. J Med Chem. 2017 Feb 23;60(4):1247-1261.

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