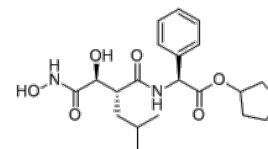


Product Name : Tosedostat
Cat. No. : PC-70071
CAS No. : 238750-77-1
Molecular Formula : C₂₁H₃₀N₂O₆
Molecular Weight : 406.479
Target : Aminopeptidase
Solubility : 10 mM in DMSO



Biological Activity

Tosedostat (CHR-2797, CHR2797) is a potent, orally bioavailable **aminopeptidases** inhibitor with IC₅₀ of 150, 220 and 100 nM for **PuSA**, **aminopeptidase N** and **leucine aminopeptidase**, respectively.

Tosedostat (CHR-2797) exerts antiproliferative effects against a range of tumor cell lines in vitro and in vivo and shows selectivity for transformed over nontransformed cells.

Tosedostat (CHR-2797) inhibits phosphorylation of mTOR substrates and reduces protein synthesis in HL-60 cells.

References

Krige D, et al. **Cancer Res.** 2008 Aug 15;68(16):6669-79.

Moore HE, et al. **Mol Cancer Ther.** 2009 Apr;8(4):762-70.

Reid AH, et al. **Clin Cancer Res.** 2009 Aug 1;15(15):4978-85.

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

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