

Product Datasheet

LY 3000328

Catalog No. **BP-02345** · CAS **1373215-15-6** · Form **free base** · Physical state **solid** · Color **White to off-white** · Version **1.0** · Revision **2026-09-10**

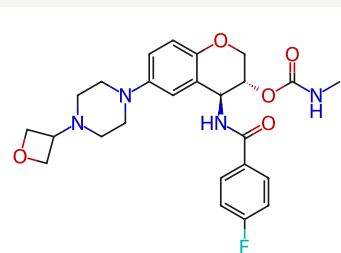
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Target Cathepsin	Research area Inflammation/Immunology
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Molecular formula **C₂₅H₂₉FN₄O₅**

Molecular weight **484.5200**

STRUCTURE



DESCRIPTION

LY 3000328 (Z-FL-COCHO) is a potent and selective Cathepsin S (Cat S) inhibitor with IC₅₀s of 7.7 and 1.67 nM for hCat S and mCat S, respectively.

BIOLOGICAL ACTIVITY

LY 3000328 is a potent and selective Cathepsin S (Cat S) inhibitor with IC₅₀s of 7.7 and 1.67 nM for hCat S and mCat S, respectively.

SOLUBILITY

Soluble in DMSO

REFERENCES

- [1]. Jadhav PK, et al. Discovery of Cathepsin S Inhibitor LY3000328 for the Treatment of Abdominal Aortic Aneurysm. ACS Med Chem Lett. 2014 Aug 27;5(10):1138-42.
- [2]. Payne CD, et al. Pharmacokinetics and pharmacodynamics of the cathepsin S inhibitor, LY3000328, in healthy subjects. Br J Clin Pharmacol. 2014 Dec;78(6):1334-42.

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