

Product Datasheet

CJ-13610

Catalog No. **BP-02164** · CAS **179420-17-8** · Form **free base** · Physical state **solid** · Color **White to off-white** · Version **1.0** · Revision **2026-09-04**

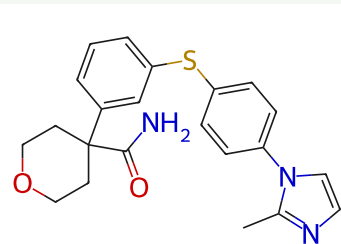
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Target Lipoxygenase	Research area Inflammation/Immunology
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Molecular formula **C₂₂H₂₃N₃O₂S**

Molecular weight **393.5020**

STRUCTURE



DESCRIPTION

CJ-13,610, a nonredox-type 5-LO inhibitor, dose dependently suppresses 5-LO product formation in ionophore A23187-stimulated PMNL in the absence of exogenous AA with an IC₅₀ of about 70 nM. PMNL: polymorphonuclear leukocytes; AA: arachidonic acid.

SOLUBILITY

Soluble in DMSO : 10 mg/mL

REFERENCES

[1]. Fischer L, et al. Molecular pharmacological profile of the nonredox-type 5-lipoxygenase inhibitor CJ-13,610. Br J Pharmacol. 2004;142(5):861-868.

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