

Product Datasheet

CDC801

Catalog No. **BP-01949** · CAS **192819-27-5** · Form **free base** · Physical state **solid** · Color **white to off-white** · Version **1.0** · Revision **2026-09-02**

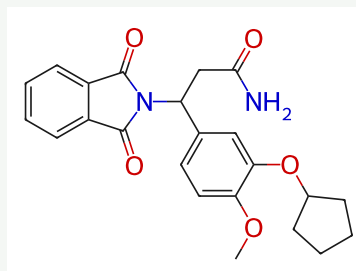
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Target Phosphodiesterase (PDE); TNF Receptor	Research area Cancer
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Molecular formula **C₂₃H₂₄N₂O₅**

Molecular weight **408.4471**

STRUCTURE



DESCRIPTION

CDC801 is a potent and orally active phosphodiesterase 4 (PDE4) and tumor necrosis factor-α (TNF-α) inhibitor with IC₅₀ of 1.1 μM and 2.5 μM, respectively.

BIOLOGICAL ACTIVITY

The more detailed information refer to the Compound 6b in the reference 1 (PMID:19256507)

SOLUBILITY

Soluble in DMSO

REFERENCES

[1]. Man HW, et al. Discovery of (S)-N-[2-[1-(3-ethoxy-4-methoxyphenyl)-2-methanesulfonyl]ethyl]-1,3-dioxo-2,3-dihydro-1H-indol-4-yl] acetamide (apremilast), a potent and orally active phosphodiesterase 4 and tumor necrosis factor-α inhibitor. J Med Chem.

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