
Product Data Sheet

Product Name: CDC801
Cat. No.: GC33337

Chemical Properties

Cas. No. 192819-27-5

SMILES NC(CC(C1=CC(OC2CCCC2)=C(OC)C=C1)N3C(C4=C(C=CC=C4)C3=O)=O)=O

Formula $C_{23}H_{24}N_2O_5$ M.Wt 408.45

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

Background

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

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

[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. 2009 Mar 26;52(6):1522-4.

Caution: Product has not been fully validated for medical applications. For research use only.

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