

MChR1 antagonist 2

Catalog No: tcsc0018472



Available Sizes

Size: 1mg

Size: 5mg

Size: 10mg



Specifications

CAS No:

863115-70-2

Formula:

$C_{23}H_{21}FN_2O_5$

Pathway:

Membrane Transporter/Ion Channel;GPCR/G Protein

Target:

Potassium Channel;MCHR1 (GPR24)

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Observed Molecular Weight:

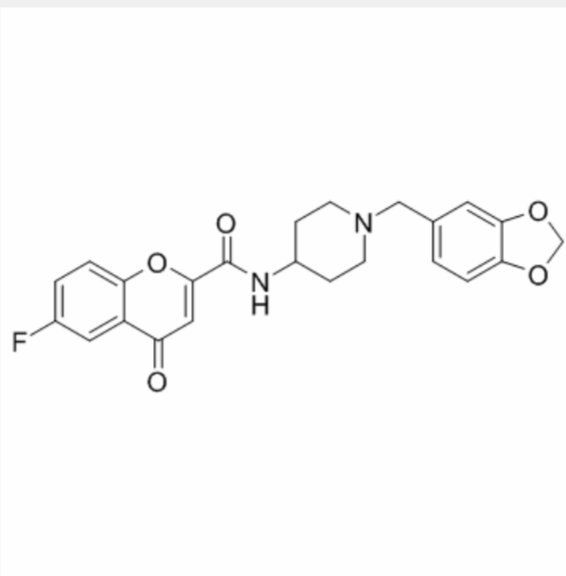
424.42

Product Description

MChR1 antagonist 2 is an antagonist of **melanin concentrating hormone receptor 1**, with an **IC₅₀** of 65 nM; MChR1 antagonist 2 also inhibits **hERG**, with an **IC₅₀** of 4.0 nM in IMR-32 cells.

IC50 & Target: IC50: 65 nM (melanin concentrating hormone receptor 1), 4.0 nM (hERG in IMR-32 cells)^[1]

In Vitro: MCHR1 antagonist 2 (Compound 30) is an antagonist of melanin concentrating hormone receptor 1, with an IC₅₀ of 65 nM. MCHR1 antagonist 2 has inhibitory effects on Ca²⁺ flux, and hERG, with IC₅₀s of 196 ± 30 nM and 4.0 ± 0.8 nM, respectively, in IMR-32 cells^[1].



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