

# 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:**

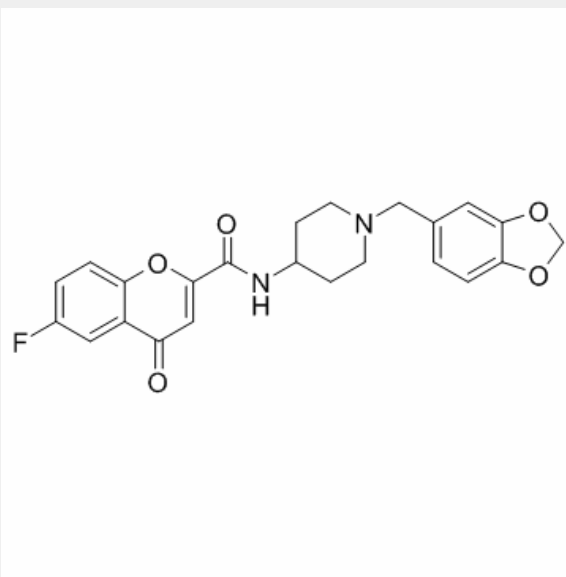
424.42

## Product Description

MCHr1 antagonist 2 is an antagonist of **melanin concentrating hormone receptor 1**, with an **IC<sub>50</sub>** of 65 nM; MCHr1 antagonist 2 also inhibits **hERG**, with an **IC<sub>50</sub>** 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)<sup>[1]</sup>

***In Vitro:*** MCHR1 antagonist 2 (Compound 30) is an antagonist of melanin concentrating hormone receptor 1, with an IC<sub>50</sub> of 65 nM. MCHR1 antagonist 2 has inhibitory effects on Ca<sup>2+</sup> flux, and hERG, with IC<sub>50</sub>s of 196 ± 30 nM and 4.0 ± 0.8 nM, respectively, in IMR-32 cells<sup>[1]</sup>.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!