

# GLPG1837

Catalog No: tcsc0034220



## Available Sizes

**Size:** 1mg

**Size:** 5mg

**Size:** 10mg

**Size:** 50mg

**Size:** 100mg



## Specifications

**CAS No:**

1654725-02-6

**Formula:**

$C_{16}H_{20}N_4O_3S$

**Pathway:**

Membrane Transporter/Ion Channel

**Target:**

CFTR

**Purity / Grade:**

>98%

**Solubility:**

DMSO :  $\geq 250$  mg/mL (717.52 mM)

**Alternative Names:**

ABBV-974

**Observed Molecular Weight:**

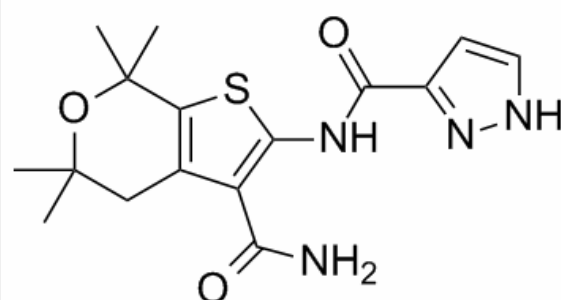
348.42

**Product Description**

GLPG1837 is a potent and reversible **CFTR** potentiator, with **EC<sub>50</sub>**s of 3 nM and 339 nM for F508del and G551D CFTR, respectively.

IC50 & Target: EC50: 3 nM (F508del CFTR), 339 nM (G551D CFTR)<sup>[1]</sup>

**In Vitro:** GLPG1837 is a potent CFTR potentiator, with EC<sub>50</sub>s of 3 nM and 339 nM for F508del and G551D CFTR, respectively. GLPG1837 increases the conductivity of the G551D CFTR channel with obtained potency of 181 nM<sup>[1]</sup>. GLPG1837 is reversible CFTR potentiator, with a the apparent affinity within a range of 0.2~2 μM<sup>[2]</sup>.



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