

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 : ≥ 250 mg/mL (717.52 mM)

Alternative Names:

ABBV-974

Observed Molecular Weight:

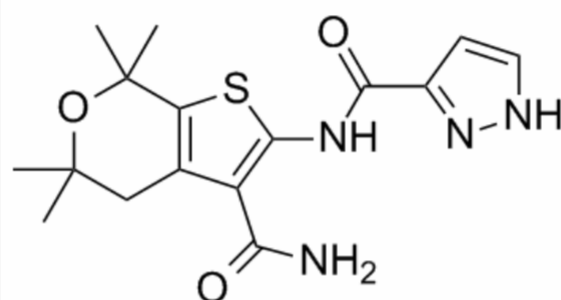
348.42

Product Description

GLPG1837 is a potent and reversible **CFTR** potentiator, with **EC₅₀**s of 3 nM and 339 nM for F508del and G551D CFTR, respectively.

IC50 & Target: EC50: 3 nM (F508del CFTR), 339 nM (G551D CFTR)^[1]

In Vitro: GLPG1837 is a potent CFTR potentiator, with EC₅₀s 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^[1]. GLPG1837 is reversible CFTR potentiator, with a the apparent affinity within a range of 0.2~2 μM^[2].



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