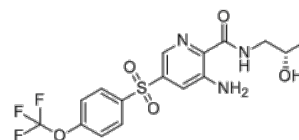


Product Name : GLPG2451
Cat. No. : PC-49187
CAS No. : 2055015-61-5
Molecular Formula : C₁₆H₁₆F₃N₃O₅S
Molecular Weight : 419.375
Target : CFTR
Solubility : 10 mM in DMSO



Biological Activity

GLPG2451 (GLPG 2451) is a potent potentiator of cystic fibrosis transmembrane conductance regulator (**CFTR**) with EC₅₀ of 11 nM for F508del CFTR in the YHA assay and EC₅₀ of 18 nM in TECC assay using HBE cells from patients carrying the F508del mutation.

GLPG2451 improves the gating function of the CFTR channel.

References

Gees M, et al. *Front Pharmacol.* 2018 Oct 26;9:1221.

Van der Plas SE, et al. *J Med Chem.* 2021 Jan 14;64(1):343-353.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com