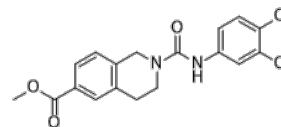


Product Name : SD2758
Cat. No. : PC-23386
CAS No. : 2750527-08-1
Molecular Formula : C₁₈H₁₆Cl₂N₂O₃
Molecular Weight : 379.24
Target : Proton-sensing GPCRs
Solubility : 10 mM in DMSO



CAS: 2750527-08-1

Biological Activity

SD2758 is a small molecule inhibitor of **GPR65**, inhibits pH-dependent cAMP induction with sub-micromolar IC₅₀ values at pH 7.5 and between 1 and 10 μM at pH 7.

SD2758 augments the cytotoxic activity of antigen-specific human T-cells.

GPR65 inhibition is associated with a higher production of pro-inflammatory cytokines.

References

Shamin Li, et al. *Front Immunol.* 2024 Oct 17:15:1483258.

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

E-mail: tech@probechem.com