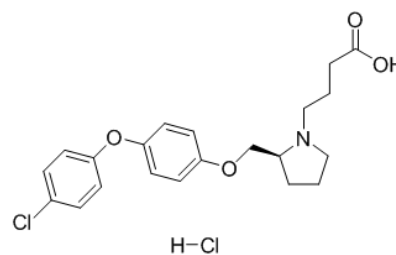


Product Name : DG051
Cat. No. : PC-42712
CAS No. : 929915-58-2
Molecular Formula : C₂₁H₂₅Cl₂NO₄
Molecular Weight : 426.3335
Target : Aminopeptidase
Solubility : DMSO: ≥ 325 mg/mL



Biological Activity

DG051 (DG-051) is a potent, selective **LTA4H** (Leukotriene A4 hydrolase) inhibitor (IC₅₀/K_d=47/25 nM) of leukotriene B4 biosynthesis.

DG051 displays selectivity over a panel of more than 50 targets including aminopeptidases, hERG, GPCRs.

DG051 has high aqueous solubility (>30 mg/mL) and high oral bioavailability.

References

Sandanayaka V, et al. *J Med Chem.* 2010 Jan 28;53(2):573-85.

Enache LA, et al. *Bioorg Med Chem Lett.* 2009 Nov 15;19(22):6275-9.

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

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