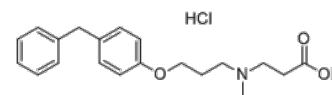


Product Name : SC57461A
Cat. No. : PC-70334
CAS No. : 423169-68-0
Molecular Formula : C₂₀H₂₅NO₃.HCl
Molecular Weight : 363.88
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

SC57461A (SC 57461A) is a potent and selective inhibitor of **LTA4 hydrolase** (LTA4H) with IC₅₀/K_i of 5 nM/23 nM. SC57461A (SC 57461A) inhibits calcium ionophore-induced LTB₄ production in human whole blood (IC₅₀=49 nM). SC57461A (SC 57461A) has no effect on production of the cyclooxygenase metabolite thromboxane B₂. SC57461A (SC 57461A) is orally active in vivo.

References

- Askonas LJ, et al. *J Pharmacol Exp Ther.* 2002 Feb;300(2):577-82.
Kachur JF, et al. *J Pharmacol Exp Ther.* 2002 Feb;300(2):583-7.
Penning TD, et al. *J Med Chem.* 2002 Aug 1;45(16):3482-90.

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

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