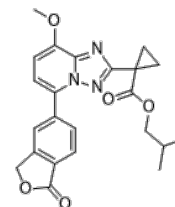


Product Name : LEO 39652
Cat. No. : PC-24964
CAS No. : 1445656-91-6
Molecular Formula : C₂₃H₂₃N₃O₅
Molecular Weight : 421.45
Target : Phosphodiesterase (PDE)
Solubility : 10 mM in DMSO



CAS: 1445656-91-6

Biological Activity

LEO 39652 is a potent, selective PDE4 inhibitor with IC₅₀ of 1.2/1.2/3.0/3.8 nM for PDE4A/B/C/D respectively, selective over other PDE subtypes.

LEO 39652 inhibits secreted TNF- α in human peripheral blood mononuclear cells (PBMCs) with IC₅₀ of 6 nM.

LEO 39652 potent and rapidly degrades by blood and liver to inactive metabolites and shows high exposure at the target organ: the skin.

References

Larsen J, et al. J Med Chem. 2020 Dec 10;63(23):14502-14521.

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

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