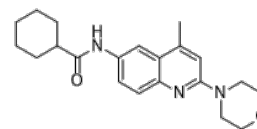


Product Name : NCGC00092410
Cat. No. : PC-26939
CAS No. : 442898-34-2
Molecular Formula : C₂₁H₂₇N₃O₂
Molecular Weight : 353.47
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

NCGC00092410 is a potent, selective and nonsugar glucocerebrosidase (GC, GCase) inhibitor with IC₅₀ of 31 nM. shows no activity against the related hydrolases (α -glucosidase (α -Gluc), α -galactosidase (α -Gal), and β -N-acetylglucosaminidase (HEX)) at concentrations up to 77 μ M. also increases GC activity in cells demonstrates their potential as GC chaperones, induces increasing the activity and lysosomal localization of glucocerebrosidase in mutant cell lines.

References

Zheng W, et, al. Proc Natl Acad Sci U S A. 2007 Aug 7;104(32):13192-7.

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

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