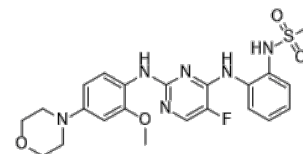


Product Name : CZC-25146
Cat. No. : PC-22263
CAS No. : 1191911-26-8
Molecular Formula : C₂₂H₂₅FN₆O₄S
Molecular Weight : 488.54
Target : LRRK2
Solubility : 10 mM in DMSO



CAS: 1191911-26-8

Biological Activity

CZC-25146 is a potent and selective inhibitor of wild-type LRRK2 and LRRK2 G2019S mutant with IC₅₀ of 4.76 nM and 6.87 nM, respectively.

CZC-25146 prevents mutant LRRK2-induced injury of cultured rodent and human neurons with mid-nanomolar potency.

CZC-25146 attenuates G2019S LRRK2-induced human neuronal injury with EC₅₀ of 4 nM, completely blocks G2019S LRRK2 and R1441C-induced toxicity at higher concentrations.

References

Ramsden N, et al. ACS Chem Biol. 2011 Oct 21;6(10):1021-8.

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

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