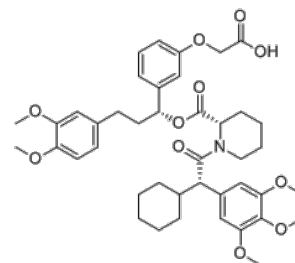


Product Name : SAFit1
Cat. No. : PC-72576
CAS No. : 1643125-32-9
Molecular Formula : C₄₂H₅₃NO₁₁
Molecular Weight : 747.88
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

SAFit1 is a potent and highly selective inhibitor of **FKBP51** (K506-binding protein 51) with IC₅₀ of 4 nM, >10,000-fold selectivity over FKBP52.

SAFit1 dose-dependently stimulates neurite outgrowth in primary hippocampal neurons derived from E18 mouse embryos. SAFit1 showed antidepressant-like effects and partly prevented the inhibitory effects of dexamethasone on glucose uptake.

References

Gaali S, et al. *Nat Chem Biol*. 2015 Jan;11(1):33-7.

Sidibeh CO, et al. *Endocrine*. 2018 Oct;62(1):116-128.

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

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