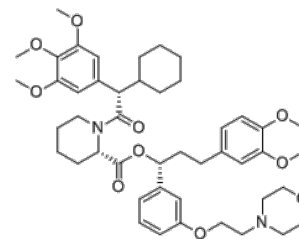


Product Name : SAFit2
Cat. No. : PC-72575
CAS No. : 1643125-33-0
Molecular Formula : C₄₆H₆₂N₂O₁₀
Molecular Weight : 803.006
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

SAFit2 is a potent and highly selective inhibitor of **FKBP51** (K506-binding protein 51) with IC₅₀ of 6 nM, >10,000-fold selectivity over FKBP52.

SAFit2 enhances regulation of stress hormone secretion and active stress-coping behavior in mice.

SAFit2 reduced anxiety-related behavior in the basolateral amygdala (BLA) microinjected mice.

SAFit2 recapitulates the effects of FKBP51 deletion on both body weight regulation and glucose tolerance.

References

Balsevich G, et al. *Nat Commun.* 2017 Nov 23;8(1):1725.

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

Hartmann J, et al. *J Neurosci.* 2015 Jun 17;35(24):9007-16.

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

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