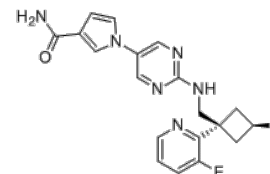


Product Name : CK-2127107
Cat. No. : PC-60222
CAS No. : 1345410-31-2
Molecular Formula : C₁₉H₁₈F₂N₆O
Molecular Weight : 384.391
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

CK-2127107 (CK-107, Reldesemtiv) is a novel orally active **fast skeletal troponin** activator, selectively activates fast skeletal myofibrils with EC₅₀ of 3.4 μM.

CK-2127107 (CK-107, Reldesemtiv) has no effect on slow skeletal or cardiac myofibrils.

CK-2127107 (CK-107, Reldesemtiv) significantly improves rotarod performance in exercise-intolerant LAD-HF rats.

References

Hwee DT, et al. *J Pharmacol Exp Ther.* 2015 Apr;353(1):159-68.

Calder AN, et al. *J Med Chem.* 2016 Nov 23;59(22):10067-10083.

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

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