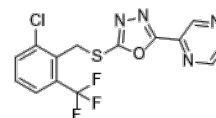


Product Name : Yaddle1
Cat. No. : PC-25587
CAS No. : 3041134-13-5
Molecular Formula : C₁₄H₈ClF₃N₄OS
Molecular Weight : 372.75
Target : Piezo Channel
Solubility : 10 mM in DMSO



CAS: 3041134-13-5

Biological Activity

Yaddle1 is a potent, specific new-generation Piezo1 agonist with half-maximal effective concentration (MEC₅₀) of 0.4 μ M. Yaddle1 exhibits a kinetic solubility of $26.72 \pm 1.8 \mu$ M at pH 7.4, which is 10-fold better than that of Yoda1 ($1.22 \pm 0.11 \mu$ M at pH 7.4).

Yaddle1 trigger a Ca²⁺ influx response in isolated primary human CD4⁺ T lymphocytes.

References

Goon S, et al. J Med Chem. 2024 May 23;67(10):8225-8246.

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

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