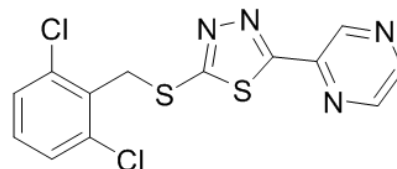


Product Name : Yoda1
Cat. No. : PC-45542
CAS No. : 448947-81-7
Molecular Formula : C₁₃H₈Cl₂N₄S₂
Molecular Weight : 355.2654
Target : Piezo Channel
Solubility : DMSO: ≥ 34 mg/mL



Biological Activity

Yoda1 is a potent, selective **Piezo1** ion channel activator, affects the sensitivity and the inactivation kinetics of mechanically induced responses in cells.

Yoda1 activates purified Piezo1 channels in the absence of other cellular components.

Yoda1 potentiates shear-dependent platelet Ca²⁺ transients.

References

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Ilkan Z, et al. *J Biol Chem*. 2017 Apr 17. pii: jbc.M116.766196.

Wang S, et al. *J Clin Invest*. 2016 Dec 1;126(12):4527-4536.

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

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