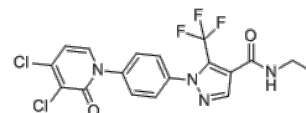


Product Name : JW-65
Cat. No. : PC-72922
CAS No. : 2763378-71-6
Molecular Formula : C₁₈H₁₃Cl₂F₃N₄O₂
Molecular Weight : 445.223
Target : TRP Channel
Solubility : 10 mM in DMSO



Biological Activity

JW-65 (JW65) is a selective, potent, CNS-permeable **TRPC3** inhibitor improved stability compared to Pyr3. JW-65 shows similar potency and selectivity on TRPC3 channels, but is metabolically much more stable than its precursor, demonstrated by its much longer half-life (>4 h) in mouse, rat, and human liver microsomes when compared to Pyr3. JW-65-treated mice showed substantially decreased susceptibility to PTZ-induced seizures in a dose-dependent manner.

References

Marwa M Nagib, et al. *Epilepsia*. 2022 Feb 18. doi: 10.1111/epi.17190.

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

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