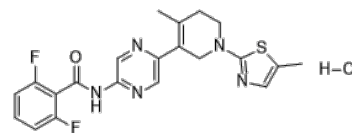


Product Name : RO2959 monohydrochloride
Cat. No. : PC-25758
CAS No. : 2309172-44-7
Molecular Formula : C₂₁H₂₀ClF₂N₅OS
Molecular Weight : 463.93
Target : CRAC Channel
Solubility : 10 mM in DMSO



Biological Activity

RO2959 monohydrochloride is a potent and selective CRAC channel inhibitor with IC₅₀ of 402 nM, inhibits store operated calcium entry (SOCE) mediated by Orai1/Stim1 channels with IC₅₀ of 25 nM, is also a potent inhibitor of human IL-2 production, and potently blocks T cell receptor triggered gene expression and T cell functional pathways.

References

Chen G, et al. Mol Immunol. 2013 Jul;54(3-4):355-67.

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

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