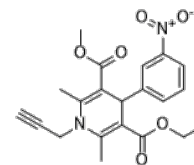


Product Name : MRS1845
Cat. No. : PC-22078
CAS No. : 544478-19-5
Molecular Formula : C₂₁H₂₂N₂O₆
Molecular Weight : 398.42
Target : Calcium Channel
Solubility : 10 mM in DMSO



CAS: 544478-19-5

Biological Activity

MRS1845 is a selective store-operated Ca²⁺ channel (SOC) Orai1 inhibitor, inhibits SOC channel-dependent elevations of calcium with IC₅₀ of 1.7 μM in HL-60 cells.

MRS1845 attenuates neutrophil function and postshock acute lung injury.

References

Harper JL, et al. *Biochem Pharmacol.* 2003 Feb 1;65(3):329-38.

Cindy Lee, et al. *J Trauma.* 2005 Jul;59(1):56-63; discussion 63.

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

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