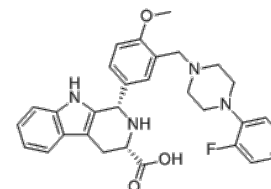


Product Name : Ned 19
Cat. No. : PC-62183
CAS No. : 874374-25-1
Molecular Formula : C₃₀H₃₁FN₄O₃
Molecular Weight : 514.59
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

Ned 19 is a chemical probe inhibitor for the Ca(2+)-releasing second messenger **NAADP**, blocks NAADP signaling with IC₅₀ of 65 nM.

Ned 19 blocks NAADP signaling and fluorescently labeled NAADP receptors in intact cells.

Ned 19 antagonizes NAADP-activation of TPC2 in a non-competitive manner at 1 μM.

References

Naylor E, et al. *Nat Chem Biol*. 2009 Apr;5(4):220-6.

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

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