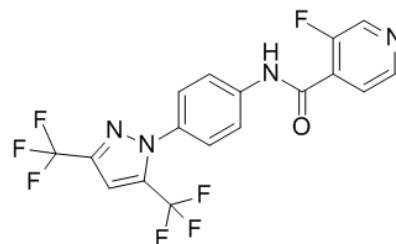


Product Name : Pyr6
Cat. No. : PC-43073
CAS No. : 245747-08-4
Molecular Formula : C₁₇H₉F₇N₄O
Molecular Weight : 418.2684
Target : TRP Channel
Solubility : 10 mM in DMSO



Biological Activity

Pyr6 is a potent, selective inhibitor of TRPC3 channel with IC₅₀ of 0.49 μ M (thapsigargin-depleted native RBL-2H3 cells for SOCE); exhibits a 37-fold higher potency to inhibit Orai1-mediated Ca(2+) entry as compared with TRPC3-mediated Ca(2+) entry; inhibits Orai1- and TRPC3-mediated Ca(2+) entry and currents, potently suppresses mast cell activation.

References

Schleifer H, et al. Br J Pharmacol. 2012 Dec;167(8):1712-22.

Dragoni S, et al. Biomed Res Int. 2014;2014:739494.

Chauvet S, et al. Front Pharmacol. 2016 Dec 12;7:486.

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

E-mail: tech@probechem.com