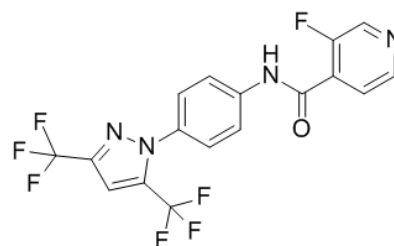


Product Name : Pyr6
Cat. No. : PC-43073
CAS No. : 245747-08-4
Molecular Formula : C₁₇H₉F₇N₄O
Molecular Weight : 418.2684
Target : TRP Channel
Solubility : 10 mM in DMSO



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).

Pyr6 exhibits a 37-fold higher potency to inhibit Orai1-mediated Ca(2+) entry as compared with TRPC3-mediated Ca(2+) entry.

Pyr6 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!

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