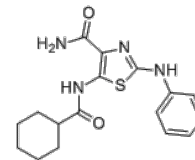


Product Name : UNC-3230
Cat. No. : PC-61242
CAS No. : 1031602-63-7
Molecular Formula : C₁₇H₂₀N₄O₂S
Molecular Weight : 344.43
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

UNC-3230 (UNC3230) is a selective, small molecule inhibitor of **PIP5K1C** with IC₅₀ of 41 nM, does not inhibit other lipid kinases including PI3Ks.

UNC-3230 shows selectivity (K_d < 0.2 μM) for PIP5K1C and PIP4K2C.

UNC-3230 significantly reduces membrane PIP₂ levels by ~45% in DRG neurons at 100 nM, also reduces LPA-evoked calcium signaling.

UNC-3230 demonstrates antinociceptive effects, reduces thermal and mechanical sensitization in models of chronic pain.

References

Wright BD, et al. *Neuron*. 2014 May 21;82(4):836-47.

Wright BD, et al. *J Biomol Screen*. 2015 Jun;20(5):655-62.

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

E-mail: tech@probechem.com