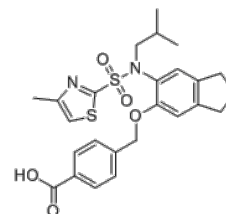


Product Name : ONO-8130
Cat. No. : PC-38519
CAS No. : 459841-96-4
Molecular Formula : C₂₅H₂₈N₂O₅S₂
Molecular Weight : 500.6
Target : Prostaglandin Receptor
Solubility : 10 mM in DMSO



Biological Activity

ONO-8130 is a selective, orally bioavailable antagonist of prostaglandin E₂ (PGE₂) receptor **EP1** with K_i value of 1.9 nM, >1,000-fold selectivity for EP1 over other EP receptors.

ONO-8130 at 0.3-30 mg/kg strongly prevented both the bladder pain-like behavior and referred hyperalgesia in a dose-dependent manner.

Oral ONO-8130 at 30 mg/kg also reversed the established cystitis-related bladder pain.

References

Miki T, et al. *Pain*. 2011 Jun;152(6):1373-1381.

Säfholm J, et al. *Br J Pharmacol*. 2013 Feb;168(4):794-806.

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

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