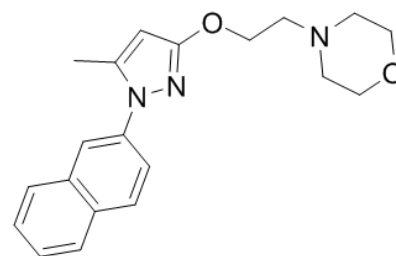


Product Name : S1RA
Cat. No. : PC-45417
CAS No. : 878141-96-9
Molecular Formula : C₂₀H₂₃N₃O₂
Molecular Weight : 337.4155
Target : Sigma Receptor
Solubility : 10 mM in DMSO



Biological Activity

S1RA (E52862) is a potent and selective **sigma-1 receptor (S1R)** antagonist with K_i of 17 nM.

S1RA (E52862) shows excellent selectivity over sigma-2 receptor (K_i>1 μM).

S1RA (E52862) shows high activity in the mouse capsaicin model of neurogenic pain, exerts dose-dependent antinociceptive effects in several neuropathic pain models.

References

Díaz JL, et al. *J Med Chem.* 2012 Oct 11;55(19):8211-24.

Romero L, et al. *Br J Pharmacol.* 2012 Aug;166(8):2289-306.

Nieto FR, et al. *J Pain.* 2012 Nov;13(11):1107-21.

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

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