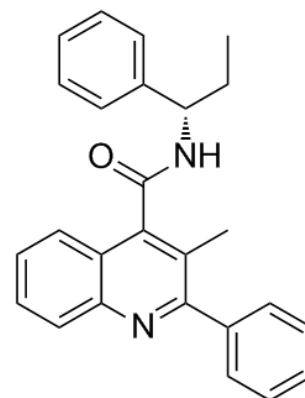


Product Name : SB-222200
Cat. No. : PC-44659
CAS No. : 174635-69-9
Molecular Formula : C₂₆H₂₄N₂O
Molecular Weight : 380.4816
Target : Neurokinin Receptor
Solubility : 10 mM in DMSO



Biological Activity

A CNS-penetrant, potent and selective NK-3 receptor antagonist with K_i of 4.4 nM (inhibition of neurokinin B binding to CHO-hNK-3R); good selectivity for hNK-3 over hNK-1 ($K_i > 10$ μ M) and hNK-2 ($K_i = 250$ nM); produces dose-dependent inhibition of behavioral responses induced by Senktide; orally bioactive.

References

- Sarau HM, et al. *J Pharmacol Exp Ther.* 2000 Oct;295(1):373-81.
Nwaneshiudu CA, et al. *Neuropharmacology.* 2009 Sep;57(3):295-301.
De Brito Garipey H, et al. *Br J Pharmacol.* 2010 Dec;161(8):1868-84.

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

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