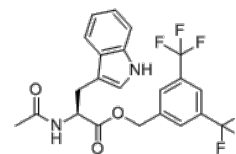


Product Name : L-732138
Cat. No. : PC-60341
CAS No. : 148451-96-1
Molecular Formula : C₂₂H₁₈F₆N₂O₃
Molecular Weight : 472.39
Target : Neurokinin Receptor
Solubility : 10 mM in DMSO



Biological Activity

L-732138 is a potent, selective and competitive **NK1 receptor** antagonist with IC₅₀ of 2.3 nM.

L-732138 displays >1,000-fold selectivity over the human NK-2 and NK-3 receptors.

L-732138 inhibits substance P-induced inositol phosphate synthesis, abolishes vagally-induced plasma exudation and significantly inhibits exogenous substance enhancement induced by LPS.

References

- Cascieri MA, et al. *J Biol Chem.* 1994 Mar 4;269(9):6587-91.
MacLeod AM, et al. *J Med Chem.* 1994 Apr 29;37(9):1269-74.
Pedersen KE, et al. *J Pharmacol Exp Ther.* 2000 Jan;292(1):319-25.
Kuo HP, et al. *Br J Pharmacol.* 1998 Oct;125(4):711-6.

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

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