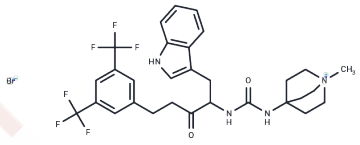
Data Sheet (Cat.No.T24359)

TargetMol

L 743310

Chemical Properties



CAS No. : 187724-86-3

Formula: C30H33BrF6N4O2

Molecular Weight: 675.5

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.

Biological Description

Description	L 743310 is an antagonist of the neurokinin-1 receptor.
Targets(IC50)	Others,Neurokinin receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4804 mL	7.4019 mL	14.8038 mL
5 mM	0.2961 mL	1.4804 mL	2.9608 mL
10 mM	0.148 mL	0.7402 mL	1.4804 mL
50 mM	0.0296 mL	0.148 mL	0.2961 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Laird JM, Roza C, De Felipe C, Hunt SP, Cervero F. Role of central and peripheral tachykinin NK1 receptors in capsaicin-induced pain and hyperalgesia in mice. Pain. 2001 Feb 1;90(1-2):97-103. PubMed PMID: 11166975.

Robichaud A, Tattersall FD, Choudhury I, Rodger IW. Emesis induced by inhibitors of type IV cyclic nucleotide phosphodiesterase (PDE IV) in the ferret. Neuropharmacology. 1999 Feb;38(2):289-97. PubMed PMID: 10218871.

Tattersall FD, Rycroft W, Francis B, Pearce D, Merchant K, MacLeod AM, Ladduwahetty T, Keown L, Swain C, Baker R, Cascieri M, Ber E, Metzger J, MacIntyre DE, Hill RG, Hargreaves RJ. Tachykinin NK1 receptor antagonists act centrally to inhibit emesis induced by the chemotherapeutic agent cisplatin in ferrets. Neuropharmacology. 1996;35(8):1121-9. PubMed PMID: 9121615.

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