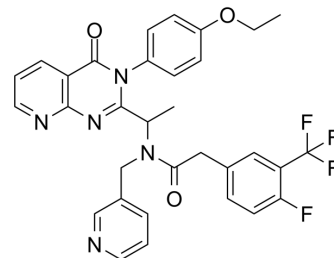


(±)-NBI-74330

Cat. No.:	HY-110099
CAS No.:	473722-68-8
Molecular Formula:	C ₃₂ H ₂₇ F ₄ N ₅ O ₃
Molecular Weight:	605.58
Target:	CXCR
Pathway:	GPCR/G Protein; Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

(±)-NBI-74330 is a potent and selective CXCR3 antagonist. (±)-NBI-74330 not only reduces tactile and thermal hypersensitivity but also enhances the analgesic properties of morphine. (±)-NBI-74330 can reduce microglial cell activation, increase astroglial cell activation, and downregulate the expression of some CXCR3 ligands in a rat neuropathic pain model [1].

REFERENCES

[1]. Piotrowska A, et al. Pharmacological blockade of CXCR3 by (±)-NBI-74330 reduces neuropathic pain and enhances opioid effectiveness - Evidence from in vivo and in vitro studies. *Biochim Biophys Acta Mol Basis Dis.* 2018 Oct;1864(10):3418-3437.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA