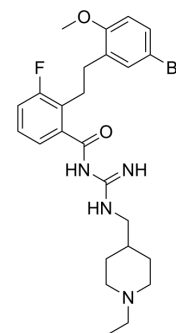


MPCI

Cat. No.:	HY-121764
CAS No.:	884538-31-2
Molecular Formula:	C ₂₅ H ₃₂ BrFN ₄ O ₂
Molecular Weight:	519.45
Target:	Melanocortin Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	MPCI is a cell-permeant MC4R-selective ligand with pharmacological chaperone activity. MPCI is a MC4R antagonist with a K _i value of 0.218 μM on HEK293 cells expressing hMC4R. MPCI can be used for the research of MC4R-deficient obesity ^[1] .
IC ₅₀ & Target	Ki: 0.218 μM (HEK293 cells expressing hMC4R) ^[1] .

REFERENCES

[1]. René P, et al. Pharmacological chaperones restore function to MC4R mutants responsible for severe early-onset obesity. J Pharmacol Exp Ther. 2010 Dec;335(3):520-32.

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