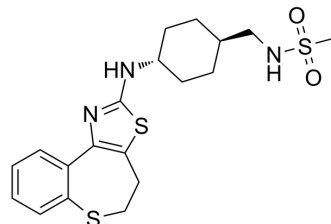


Lu AA33810

Cat. No.:	HY-107729
CAS No.:	304008-29-5
Molecular Formula:	C ₁₉ H ₂₅ N ₃ O ₂ S ₃
Molecular Weight:	423.62
Target:	Neuropeptide Y Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Lu AA33810 is a potent and selective antagonist of neuropeptide Y5 receptor with a K _i of 1.5 nM for the human receptor. Lu AA33810 exhibits anxiolytic-like and antidepressant-like effects ^[1] .
IC ₅₀ & Target	hY ₅ receptor 1.5 nM (K _i)

REFERENCES

[1]. Walker MW, et al. The novel neuropeptide Y Y5 receptor antagonist Lu AA33810 [N-[[trans-4-[(4,5-dihydro[1]benzothiepin[5,4-d]thiazol-2-yl)amino]cyclohexyl]methyl]-methanesulfonamide] exerts anxiolytic- and antidepressant-like effects in rat models of stress sensitivity. J Pharmacol Exp Ther. 2009 Mar;328(3):900-11.

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