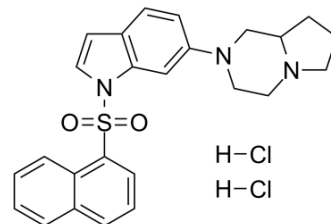


NPS ALX Compound 4a dihydrochloride

Cat. No.:	HY-103090A
CAS No.:	1781934-44-8
Molecular Formula:	C ₂₅ H ₂₇ Cl ₂ N ₃ O ₂ S
Molecular Weight:	504.47
Target:	5-HT Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	NPS ALX Compound 4a dihydrochloride is a potent and selective 5-hydroxytryptamine ₆ (5-HT ₆) receptor antagonist, with an IC ₅₀ of 7.2 nM and a K _i of 0.2 nM ^[1] .	
IC₅₀ & Target	5-HT ₆ Receptor 7.2 nM (IC ₅₀)	5-HT ₆ Receptor 0.2 nM (K _i)

REFERENCES

[1]. Isaac M, et al. 6-Bicyclopiperazinyl-1-arylsulfonylindoles and 6-bicyclopiperidinyl-1-arylsulfonylindoles derivatives as novel, potent, and selective 5-HT₆ receptor antagonists. *Bioorg Med Chem Lett*. 2000 Aug 7;10(15):1719-21.

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