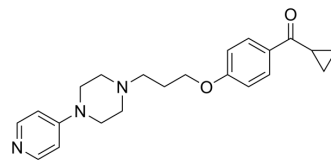


KSK67

Cat. No.:	HY-155615
CAS No.:	2566715-93-1
Molecular Formula:	C ₂₂ H ₂₇ N ₃ O ₂
Molecular Weight:	365.47
Target:	Sigma Receptor; Histamine Receptor
Pathway:	Neuronal Signaling; GPCR/G Protein; Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	KSK67 is a high-affinity dual sigma-2 and histamine H3 receptor antagonist, with K _i s of 3.2, 1531, 101 nM for H3 receptor, sigma-1, sigma-2 receptor respectively. KSK67 can be used for research of nociceptive and neuropathic pain ^[1] .
IC ₅₀ & Target	3.2, 1531, 101 nM (H3 receptor, sigma-1, sigma-2 receptor) ^[1]

REFERENCES

[1]. Szczepańska K, et al. Dual Piperidine-Based Histamine H3 and Sigma-1 Receptor Ligands in the Treatment of Nociceptive and Neuropathic Pain. J Med Chem. 2023 Jul 27;66(14):9658-9683.

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