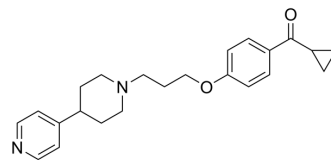


KSK68

Cat. No.:	HY-155614
CAS No.:	2566715-91-9
Molecular Formula:	C ₂₃ H ₂₈ N ₂ O ₂
Molecular Weight:	364.48
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	KSK68 is a high-affinity dual sigma-1 and histamine H3 receptor antagonist, with K _i s of 7.7, 3.6, 22.4 nM for H3 receptor, sigma-1, sigma-2 receptor respectively. KSK68 has negligible affinity at the other histamine receptor subtypes. KSK68 can be used for research of nociceptive and neuropathic pain ^[1] .
IC ₅₀ & Target	7.7 nM, 3.6 nM, 22.4 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.

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