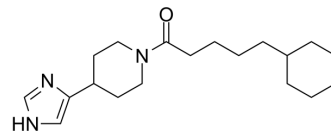


GT-2016

| | |
|--------------------|---|
| Cat. No.: | HY-107559 |
| CAS No.: | 152241-24-2 |
| Molecular Formula: | C ₁₉ H ₃₁ N ₃ O |
| Molecular Weight: | 317.47 |
| Target: | Histamine Receptor |
| Pathway: | GPCR/G Protein; Immunology/Inflammation; Neuronal Signaling |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

| | |
|---------------------------|--|
| Description | GT-2016 is a potent, selective, and brain penetrant histamine H ₃ receptor antagonist with a K _i of 43.8 nM. GT-2016 displays selectivity against H ₁ and H ₂ receptors, and has non-active against histamine methyltransferase ^[1] . |
| IC ₅₀ & Target | H ₃ Receptor 43.8 nM (K _i) |

REFERENCES

[1]. C E Tedford, et al. Pharmacological characterization of GT-2016, a non-thiourea-containing histamine H₃ receptor antagonist: in vitro and in vivo studies. J Pharmacol Exp Ther. 1995 Nov;275(2):598-604.

Caution: Product has not been fully validated for medical applications. For research use only.

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