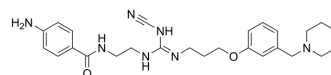


## Aminopotentidine

Cat. No.:	HY-101167
CAS No.:	140873-26-3
Molecular Formula:	C <sub>26</sub> H <sub>35</sub> N <sub>7</sub> O <sub>2</sub>
Molecular Weight:	477.6
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	Aminopotentidine is a histamine H <sub>2</sub> receptor antagonist with K <sub>B</sub> values of 220 nM and 280 nM for human and guinea pig H <sub>2</sub> receptors, respectively. It can also serve as a precursor for the synthesis of [125I] iodo derivatives <sup>[1]</sup> .
IC <sub>50</sub> & Target	H <sub>2</sub> Receptor 220 nM (Kb)

### REFERENCES

[1]. Hirschfeld J, et al. Iodoaminopotentidine and related compounds: a new class of ligands with high affinity and selectivity for the histamine H<sub>2</sub> receptor[J]. Journal of medicinal chemistry, 1992, 35(12): 2231-2238.

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

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