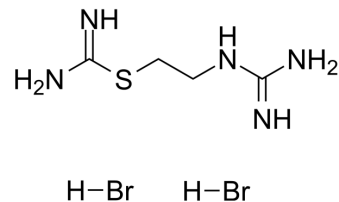


## VUF 8430 dihydrobromide

Cat. No.:	HY-107555
CAS No.:	100130-32-3
Molecular Formula:	C <sub>4</sub> H <sub>13</sub> Br <sub>2</sub> N <sub>5</sub> S
Molecular Weight:	323.05
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	VUF 8430 (dihydrobromide) is a potent and selective histamine H <sub>4</sub> receptor agonist with a K <sub>i</sub> of 31.6 nM and an EC <sub>50</sub> of 50 nM [1].
IC <sub>50</sub> & Target	H <sub>4</sub> receptor

### REFERENCES

[1]. Lim HD, et al. Discovery of S-(2-guanidylethyl)-isothiourea (VUF 8430) as a potent nonimidazole histamine H<sub>4</sub> receptor agonist. J Med Chem. 2006 Nov 16;49(23):6650-1.

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

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