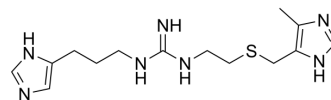


## Impromidine

Cat. No.:	HY-116777
CAS No.:	55273-05-7
Molecular Formula:	C <sub>14</sub> H <sub>23</sub> N <sub>7</sub> S
Molecular Weight:	321.44
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	Impromidine (SKF 92676) is a potent agonist for histamine H <sub>2</sub> receptor. Impromidine induces gastric mucosal blood flow and acid secretion <sup>[1][2]</sup> .
IC <sub>50</sub> & Target	H <sub>2</sub> Receptor

### REFERENCES

- [1]. Durant GJ, et al. Impromidine (SK&F 92676) is a very potent and specific agonist for histamine H<sub>2</sub> receptors. *Nature*. 1978 Nov 23;276(5686):403-5.
- [2]. Mclsaac RL, et al. Gastric mucosal blood flow and acid secretory changes in man with impromidine: a new specific histamine-H<sub>2</sub>-receptor agonist. *Gut*. 1981 Jul;22(7):529-33.

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

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