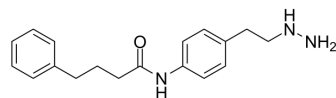


Bizine

Cat. No.:	HY-121095
CAS No.:	1591932-50-1
Molecular Formula:	C ₁₈ H ₂₃ N ₃ O
Molecular Weight:	297.39
Target:	Histone Demethylase
Pathway:	Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Bizine, a Phenelzine analogue, is a potent and selective LSD1 inhibitor, with a $b>K_i$ of 59 nM. Bizine can modulate bulk histone methylation in cancer cells. Bizine shows neuroprotective effects ^[1] .
IC ₅₀ & Target	Ki: 59 nM (LSD1) ^[1]

REFERENCES

[1]. Prusevich P, et, al. A selective phenelzine analogue inhibitor of histone demethylase LSD1. ACS Chem Biol. 2014 Jun 20;9(6):1284-93.

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

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