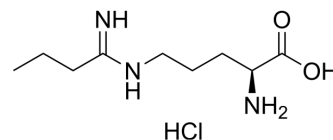


Ethyl-L-NIO hydrochloride

Cat. No.:	HY-129450
CAS No.:	150403-97-7
Molecular Formula:	C ₉ H ₂₀ ClN ₃ O ₂
Molecular Weight:	237.73
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Ethyl-L-NIO hydrochloride is a potent and competitive human dimethylarginine dimethylaminohydrolase 1 (hDDAH-1) inhibitor with an IC ₅₀ of 70 μM and a K _i of 32 μM ^[1] .
IC ₅₀ & Target	IC ₅₀ : 70 μM (hDDAH-1) ^[1] K _i : 32 μM (hDDAH-1) ^[1]

REFERENCES

[1]. Kotthaus J, et al. Structure-activity relationship of novel and known inhibitors of human dimethylarginine dimethylaminohydrolase-1: alkenyl-amidines as new leads. *Bioorg Med Chem.* 2008 Dec 15;16(24):10205-9.

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

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