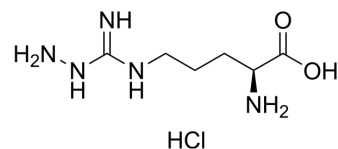


NG-Amino-L-arginine hydrochloride

Cat. No.:	HY-115410
CAS No.:	1031799-40-2
Molecular Formula:	C ₆ H ₁₆ ClN ₃ O ₂
Molecular Weight:	225.68
Target:	NO Synthase
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	NG-Amino-L-arginine hydrochloride induces inactivation of the citrulline-forming activity of the nNOS, iNOS, and eNOS isoforms with K _i values of 0.3 μM, 3 μM, and 2.5 μM, respectively ^[1] .		
IC₅₀ & Target	nNOS 0.3 μM (K _i)	iNOS 3 μM (K _i)	eNOS 2.5 μM (K _i)

REFERENCES

[1]. D J Wolff, et al. Inactivation of nitric oxide synthase isoforms by diaminoguanidine and NG-amino-L-arginine. Arch Biochem Biophys. 1996 Jan 15;325(2):227-34.

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

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