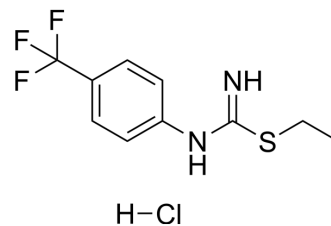


hnNOS-IN-3

Cat. No.:	HY-W484263
CAS No.:	163490-78-6
Molecular Formula:	C ₁₀ H ₁₂ ClF ₃ N ₂ S
Molecular Weight:	284.73
Target:	NO Synthase
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	hnNOS-IN-3 (compound 39) is a selective nNOS inhibitor, with a K _i of 0.32 μM. The nNOS binding of hnNOS-IN-3 is competitive with L-arginine. The selectivity of hnNOS-IN-3 for nNOS versus iNOS (K _i =37 μM) and eNOS (K _i =9.4 μM) is 115-fold and 29-fold, respectively ^[1] .		
IC₅₀ & Target	nNOS 0.32 μM (K _i)	eNOS 9.4 μM (K _i)	iNOS 37 μM (K _i)

REFERENCES

[1]. Shearer BG, et al. Substituted N-phenylisothioureas: potent inhibitors of human nitric oxide synthase with neuronal isoform selectivity. J Med Chem. 1997 Jun 6;40(12):1901-5.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA