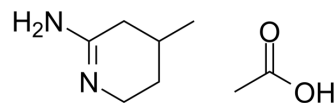


## NOS-IN-1

Cat. No.:	HY-138564
CAS No.:	165383-72-2
Molecular Formula:	C <sub>8</sub> H <sub>16</sub> N <sub>2</sub> O <sub>2</sub>
Molecular Weight:	172.22
Target:	NO Synthase
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	NOS-IN-1 is a potent and orally active NO synthase (NOS) isoforms inhibitor with IC <sub>50</sub> s of 0.1 μM, 1.1 μM, and 0.2 μM for human iNOS (hiNOS), heNOS and hnNOS, respectively <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : 0.1 μM (hiNOS), 1.1 μM (heNOS), and 0.2 μM (hnNOS) <sup>[1]</sup>
In Vivo	Following oral administration, NOS-IN-1 (compound 3; 10 mg/kg) decreases serum nitrite/nitrate levels in an in vivo rat endotoxin assay <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. R K Webber, et al. Substituted 2-aminopiperidines as inhibitors of human nitric oxide synthase isoforms. J Med Chem. 1998 Jan 1;41(1):96-101.

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

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