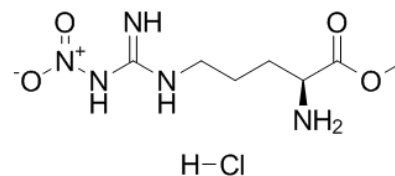


Product Name : L-NAME hydrochloride
Cat. No. : PC-45544
CAS No. : 51298-62-5
Molecular Formula : C₇H₁₆ClN₅O₄
Molecular Weight : 269.686
Target : Nitric Oxide Synthase (NOS)
Solubility : H₂O: ≥ 32 mg/mL



Biological Activity

L-NAME hydrochloride is a widely used inhibitor of NO synthase (**NOS**) with IC₅₀ of 70 μM for purified brain NOS. L-NAME hydrochloride inhibits cGMP formation in endothelial cells with an IC₅₀ of 3.1 μM (in the presence of 30 μM arginine) and reverses the vasodilation effects of acetylcholine in rat aorta rings.

References

- Pfeiffer S, et al. *Br J Pharmacol.* 1996 Jul;118(6):1433-40.
Lo HC, et al. *PLoS One.* 2016 Mar 23;11(3):e0151973.
Xiao H, et al. *Oncotarget.* 2017 May 2;8(18):29976-29983.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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