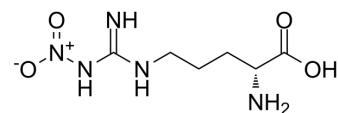


N'-Nitro-D-arginine

Cat. No.:	HY-W014049
CAS No.:	66036-77-9
Molecular Formula:	C ₆ H ₁₃ N ₅ O ₄
Molecular Weight:	219.2
Target:	NO Synthase
Pathway:	Immunology/Inflammation
Storage:	<div>Powder</div> <div>-20°C 3 years</div> <div>4°C 2 years</div> <div>In solvent</div> <div>-80°C 6 months</div> <div>-20°C 1 month</div>



BIOLOGICAL ACTIVITY

Description	N'-Nitro-D-arginine, a nitric oxide synthesis inhibitor, also is a vasodilator that relaxes the smooth muscles and increases blood flow to the penis, improving erections. N'-Nitro-D-arginine also inhibits neutrophil migration by blocking receptors for tumour necrosis factor alpha (TNFα) and interleukin 8 (IL8) ^[1] .
In Vivo	<p>N'-Nitro-D-arginine (40 mg/kg) produces a significant increase in systolic blood pressure in the chronic, awake, instrumented sheep model^[1].</p> <p>MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p>

REFERENCES

[1]. C K Narkowicz, et al. Delayed recovery from NG-nitro-L-arginine in the conscious sheep. Clin Exp Pharmacol Physiol. 1991 Dec;18(12):843-6.

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

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