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Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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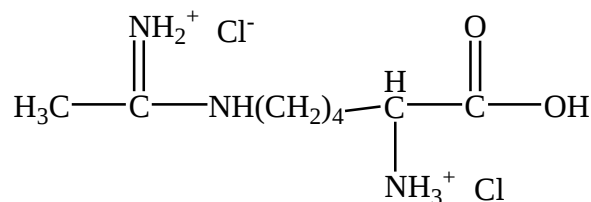
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PRODUCT AND SAFETY DATA SHEET

PRODUCT NAME: L-NIL (N^6 -(1-iminoethyl)-lysine, dihydrochloride)

CATALOG #: 00242

MOLECULAR INFORMATION: $C_8H_{19}Cl_2N_3O_2$
Mwt: 260.2
[159190-45-1]



PROPERTIES:

Color & Form Off-white solid. Very hygroscopic.
Purity $\geq 95\%$ by TLC
Solubility 100 mg/ml soluble in water or methanol

STORAGE AND HANDLING:

Extremely hygroscopic. Stored desiccated at 4°C upon receipt and protect from moisture at all times. Store in tightly sealed vials under inert gas. Warm to room temperature before opening the vial.

APPLICATION:

A potent and selective inhibitor of nitric oxide synthase that exhibits about 28-fold greater selectivity for inducible nitric oxide synthase ($IC_{50} = 3.3 \mu M$) than for the rat brain constitutive enzyme ($IC_{50} = 92 \mu M$). Exhibits about 10-fold greater inhibitory potency than N^G -monomethyl-L-arginine in inhibiting γ -interferon-induced NO_2^- production ($IC_{50} = 460 nM$).

Ref: Moore, et al. *J. Med. Chem.* **77**, 3886(1994); Stenger, et al. *Eur. J. Pharmacol.* **294**(2-3), 703(1995); Southan, et al. *Biochem. Pharmacol.* **51**(4), 383(1996)

TOXICITY: Unknown

FIRST AID:

Potentially harmful; avoid prolonged or repeated exposure. Avoid getting in eyes, on skin, or on clothing. Wash thoroughly after handling. If eye or skin contact occurs, wash affected areas with plenty of water for 15 minutes and seek medical advice. In case of inhaling or swallowing, move individual to fresh air and seek medical advice immediately.

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