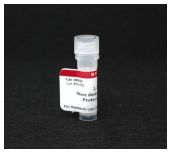
Glowing products for science

Call us : 800-304-5357

L-NIO

A non-selective, potent, and irreversible inhibitor of nitric oxide synthase isoforms.



Product attributes

CAS number	36889-13-1
Molecular weight	246.1
Storage Conditions	Store at -10 to -35 °C, Desiccate

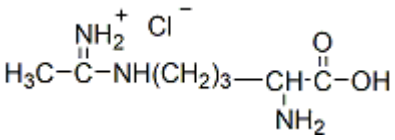
Product Description

L-NIO (N^5-(1-Iminoethyl)-L-ornithine, dihydrochloride) is a potent, irreversible inhibitor of nitric oxide synthase isoforms.

- Non-selective inhibition of nitric oxide synthase
- White solid soluble in water or MeOH

If a variety of NOS inhibitors are needed, we offer a NOS Inhibitor Kit which contains four four NOS inhibitors: 7-NI (00240) (50 mg), L-NMMA (00241) (25 mg), L-NIL (00242) (5 mg) and L-NIO (00243) (5 mg). We also have a selection of dyes and probes for detecting nitric oxide or reactive oxygen in cells.

Molecular structure:



References

1. Br J Pharmacol, 102(1), 234 (1991), DOI: 10.1111/j.1476-5381.1991.tb12159.x
2. Br J Pharmacol, 107(4), 1159 (1992), DOI: 10.1111/j.1476-5381.1992.tb13423.x
3. Alcohol Clin Exp Res 33, 1158 (2009) DOI: j.1530-0277.2009.00939.x
4. Mol Pain 6, 13 (2010), DOI: 10.1186/1744-8069-6-13
5. Alcohol, 46, 727 (2012), DOI: 10.1016/j.alcohol.2012.09.001
6. Alcohol, 47, 339 (2013), DOI: 10.1016/j.alcohol.2013.03.004
7. PLoS ONE, 8(7): e64837. (2013) DOI: 10.1371/journal.pone.0064837
8. Clin Exp Pharmacol Physiol, 41, 246 (2014), DOI: 10.1111/1440-1681.12207

This datasheet was generated on November 8, 2026 at 05:02:25 AM. Visit product page to check for updated information before use.
Product link: https://biotium-woo.supremeclients.com/product/l-nio-n5-1-iminoethyl-l-ornithine-dihydrochloride/