

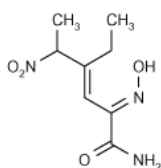


CERTIFICATE of ANALYSIS

PRODUCT: **NOR-3; FK409**
[(±)-(E)-4-Ethel-2-[(E)-hydroxyimino]-5-nitro-3-hexeneamide],
C₈H₁₃N₃O₄, M.W. 215.2, CAS# [163180-49-2]

PRODUCT NUMBER: F-1010

LOT NUMBER: B1456



APPEARANCE: White crystalline solid

PURITY (HPLC): ≥ 99.9%

SOLUBILITY: 10 mg/ml soluble in DMSO

IDENTITY (¹H-NMR): Identical to standard reference

PRODUCT DESCRIPTION: Non-thiol-based nitric oxide (NO) donor. NOR-3 shows a variety of biological and pharmacological effects. Strong vasodilatory effects in rat aorta, rabbit aorta and dog coronary artery; potent inhibitory activities against antiplatelet aggregation and thrombus formation; effective aggregation inhibition of human platelet raising by ADP; cardioprotective effects in the ischemia/reperfusion system; antianginal effect.

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STORAGE & HANDLING:

Long term storage at -20°C under nitrogen. Stable for at least one year. Following reconstitution, aliquot and freeze at -20°C. Solutions stored in this manner should be stable for 1 month. Solvents should be flushed with inert gas prior to addition of compound; avoid oxygen. Crystals are sensitive to moisture and become discolored on exposure to air. **PROTECT FROM LIGHT AND MOISTURE!**

WARNING: IRRITANT!

CAUTION: For research use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified:

A handwritten signature in blue ink, appearing to be 'J. P. Smith'.

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