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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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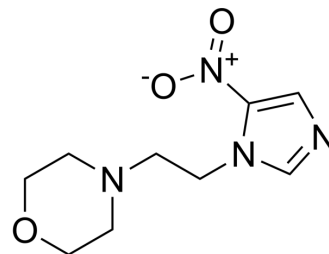
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Nimorazole (Standard)

Cat. No.:	HY-16349R
CAS No.:	6506-37-2
Molecular Formula:	C ₉ H ₁₄ N ₄ O ₃
Molecular Weight:	226.23
Target:	Parasite; Antibiotic
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Nimorazole (Standard) is the analytical standard of Nimorazole. This product is intended for research and analytical applications. Nimorazole (K-1900), a 2-nitroimidazole, is a hypoxic cell-radiation sensitizer. Nimorazole has anti-infective and anti-protozoal against trichomoniasis. Nimorazole has the potential for head and neck cancer ^{[1][2]} .
IC ₅₀ & Target	Antiparasitic

REFERENCES

- [1]. Overgaard, J., et al., A randomized double-blind phase III study of nimorazole as a hypoxic radiosensitizer of primary radiotherapy in supraglottic larynx and pharynx carcinoma. Results of the Danish Head and Neck Cancer Study (DAHANCA) Protocol 5-85. *Radiother Oncol*, 1998, 46(2): p. 135-46.
- [2]. Roy, R.B., S.M. Laird, and L. Heasman, Treatment of trichomoniasis in the female. A comparison of metronidazole and nimorazole. *Br J Vener Dis*, 1975, 51(4): p. 281-4.
- [3]. Henk, J.M., K. Bishop, and S.F. Shepherd, Treatment of head and neck cancer with CHART and nimorazole: phase II study. *Radiother Oncol*, 2003, 66(1): p. 65-70.
- [4]. Peter Wardman, et al. Nitroimidazoles as hypoxic cell radiosensitizers and hypoxia probes: misonidazole, myths and mistakes. *Br J Radiol*. 2019 Jan;92(1093):20170915.
- [5]. Zohreh Fakhrieh Kashan, et al. Therapeutic effects of Iranian herbal extracts against *Trichomonas vaginalis*. *Iran Biomed J*. 2017 Sep;21(5):285-93.

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

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