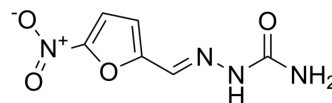


(E)-Nitrofurazone

Cat. No.:	HY-B0226A
CAS No.:	112574-44-4
Molecular Formula:	C ₆ H ₆ N ₄ O ₄
Molecular Weight:	198.14
Target:	Bacterial; Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

(E)-Nitrofurazone ((E)-Nitrofurazone) is a topical broad-spectrum antibacterial agent effective against both Gram-negative and Gram-positive bacteria. (E)-Nitrofurazone also possesses antiprotozoal and antiparasitic activities. (E)-Nitrofurazone is commonly used in the research of superficial wounds, burns, skin infections, pyoderma, infectious skin diseases, trypanosomiasis, and acute bacillary dysentery^{[1][2]}.

REFERENCES

[1]. Kolev I N, et al. A new FTIR-based technique in the polymorphic analysis of Nitrofurazone[J]. Journal of Molecular Structure, 2021, 1233: 130098.

[2]. Nitrofurazone (nitrofurazone). IARC Monogr Eval Carcinog Risks Hum. 1990;50:195-209. PMID: 2292799; PMCID: PMC7681543.

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

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