

Product Datasheet

Pafuramidine maleate

Catalog No. **BP-00043** · CAS **837369-26-3** · Form **free base** · Physical state **solid** · Version **1.0** · Revision **2026-09-24**

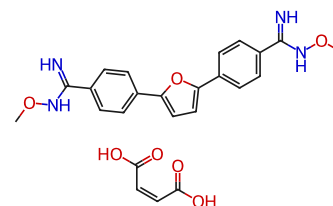
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Target Parasite; Antibiotic	Research area Infection
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Molecular formula **C₂₄H₂₄N₄O₇**

Molecular weight **480.4700**

STRUCTURE



DESCRIPTION

Pafuramidine (maleate) (DB289 (maleate)) is an orally active proagent of Furamidine. Pafuramidine (maleate) (DB289 (maleate)) is a potent anti-parasitic agent, can be used to research trypanosomiasis, Pneumocystis pneumonia and malaria.

SOLUBILITY

In vitro DMSO

REFERENCES

- [1]. Mdachi RE, et al. Efficacy of the novel diamidine compound 2,5-Bis(4-amidinophenyl)- furan-bis-O-Methylamidoxime (Pafuramidine, DB289) against Trypanosoma brucei rhodesiense infection in vervet monkeys after oral administration. Antimicrob Agents Chemother. 2009 Mar;53(3):953-7.
- [2]. Pohlig G, et al. Efficacy and Safety of Pafuramidine versus Pentamidine Maleate for Treatment of First Stage Sleeping Sickness in a Randomized, Comparator-Controlled, International Phase 3 Clinical Trial. PLoS Negl Trop Dis. 2016 Feb 16;10(2):e0004363.
- [3]. Chen D, et al. Pafuramidine for Pneumocystis jiroveci pneumonia in HIV-infected individuals. Expert Rev Anti Infect Ther. 2007 Dec;5(6):921-8.