



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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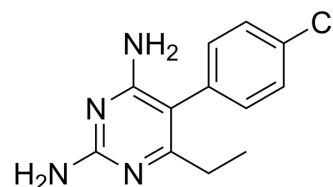
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Pyrimethamine (Standard)

Cat. No.:	HY-18062R
CAS No.:	58-14-0
Molecular Formula:	C ₁₂ H ₁₃ ClN ₄
Molecular Weight:	248.71
Target:	Antifolate; Parasite
Pathway:	Cell Cycle/DNA Damage; Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Pyrimethamine (Standard) is the analytical standard of Pyrimethamine. This product is intended for research and analytical applications. Pyrimethamine (Pirimecidan) is a potent, orally active dihydrofolate reductase (DHFR) inhibitor. Pyrimethamine is an antimalarial agent. Pyrimethamine affects the nucleoprotein metabolism of malarial parasites by interference in the folic-folinic acid systems and affects cell division by inhibiting the conversion of dihydrofolate to tetrahydrofolate^{[1][2]}.

REFERENCES

[1]. Aikawa M, et, al. Studies on nuclear division of a malarial parasite under pyrimethamine treatment. J Cell Biol. 1968 Dec;39(3):749-54.

[2]. Martins-Duarte ÉS, et, al. Toxoplasma gondii: the effect of fluconazole combined with sulfadiazine and pyrimethamine against acute toxoplasmosis in murine model. Exp Parasitol. 2013 Mar;133(3):294-9.

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

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