



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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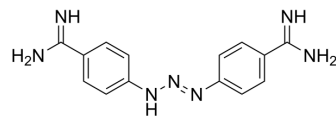
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Diminazene

Cat. No.:	HY-W342283
CAS No.:	536-71-0
Molecular Formula:	C ₁₄ H ₁₅ N ₇
Molecular Weight:	281.32
Target:	Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Diminazene is an aromatic diamidine compound primarily utilized for the control of trypanosomiasis, a disease caused by trypanosome parasites. Diminazene primarily binds to the kinetoplast DNA (kDNA) of the trypanosomes, interfering with their replication process. Diminazene also presents avenues for novel pharmacological applications, such as acting as an activator of angiotensin-converting enzyme 2 (ACE2), and showing potential in the treatment of hypertension, rheumatoid arthritis, and as an immunomodulator^[1].

CUSTOMER VALIDATION

- Cell Metab. 2022 Feb 7;34(3):424-440.e7.
- J Inflamm Res. 2023 Apr 17;16:1639-1652.
- Endocrine. 2021 Mar 30;1-9.
- Radiat Res. 2022 Jul 29.
- Research Square Preprint. 2021 Mar.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. da Silva Oliveira G L, et al. Diminazene acetate—an antiparasitic drug of antiquity: advances in pharmacology & therapeutics[J]. Pharmacological research, 2015, 102: 138-157.

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

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