



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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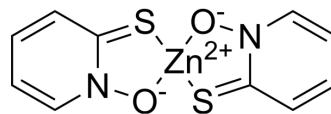
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Zinc Pyrithione (Standard)

Cat. No.:	HY-B0572R
CAS No.:	13463-41-7
Molecular Formula:	C ₁₀ H ₈ N ₂ O ₂ S ₂ Zn
Molecular Weight:	317.69
Target:	Bacterial; Fungal; Proton Pump; Cuproptosis
Pathway:	Anti-infection; Membrane Transporter/Ion Channel; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Zinc Pyrithione (Standard) is the analytical standard of Zinc Pyrithione. This product is intended for research and analytical applications. Zinc Pyrithione is an antifungal and antibacterial agent disrupting membrane transport by blocking the proton pump^[1]. Zinc Pyrithione is also a copper ionophore that delivers copper into cells and is a useful tool for studying cuproptosis^[2].

REFERENCES

[1]. Ermolayeva, E. and D. Sanders, Mechanism of pyrithione-induced membrane depolarization in *Neurospora crassa*. *Appl Environ Microbiol*, 1995. 61(9): p. 3385-90.

[2]. Peter Tsvetkov, et al. Copper induces cell death by targeting lipoylated TCA cycle proteins. *Science*. 2022 Mar 18;375(6586):1254-1261.

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

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