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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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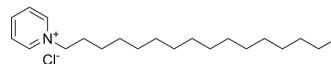
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Cetylpyridinium chloride (Standard)

Cat. No.:	HY-B1464R
CAS No.:	123-03-5
Molecular Formula:	C ₂₁ H ₃₈ ClN
Molecular Weight:	339.99
Target:	Bacterial; HBV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Cetylpyridinium (chloride) (Standard) is the analytical standard of Cetylpyridinium (chloride). This product is intended for research and analytical applications. Cetylpyridinium chloride, a cationic quaternary ammonium compound, is an anti-bacterial agent with broad-spectrum activity. Cetylpyridinium chloride is an effective anti-HBV capsid assembly inhibitor with an IC ₅₀ of 2.5 μM. Cetylpyridinium chloride is used in pesticides and various types of mouthwashes, and other personal care products ^{[1][2]} .
IC ₅₀ & Target	IC50: 2.5 μM (HBV capsid assembly) ^[1]

REFERENCES

- [1]. Hyun Wook Seo, et al. Cetylpyridinium chloride interaction with the hepatitis B virus core protein inhibits capsid assembly. *Virus Res.* 2019 Apr 2;263:102-111.
- [2]. Hiroto Imai, et al. Cetylpyridinium chloride at sublethal levels increases the susceptibility of rat thymic lymphocytes to oxidative stress. *Chemosphere.* 2017 Mar;170:118-123.

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

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