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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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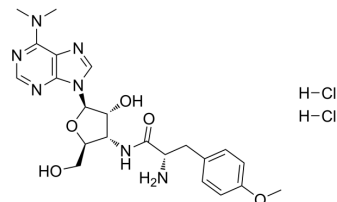
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Puromycin dihydrochloride (Standard)

Cat. No.:	HY-B1743AR
CAS No.:	58-58-2
Molecular Formula:	C ₂₂ H ₃₁ Cl ₂ N ₇ O ₅
Molecular Weight:	544.43
Target:	Bacterial; Parasite; Antibiotic
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Puromycin (dihydrochloride) (Standard) is the analytical standard of Puromycin (dihydrochloride). This product is intended for research and analytical applications. Puromycin dihydrochloride (CL13900 dihydrochloride), an aminonucleoside antibiotic, inhibits protein synthesis^[1].

REFERENCES

- [1]. Nathans D, et al. Puromycin inhibition of protein synthesis: incorporation of puromycin into peptide chains. Proc Natl Acad Sci U S A. 1964 Apr;51:585-92.
- [2]. Miyamoto-Sato E, et al. Specific bonding of puromycin to full-length protein at the C-terminus. Nucleic Acids Res. 2000 Mar 1;28(5):1176-82.
- [3]. Schmidt EK, et al. SUnSET, a nonradioactive method to monitor protein synthesis. Nat Methods. 2009 Apr;6(4):275-7.

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

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