



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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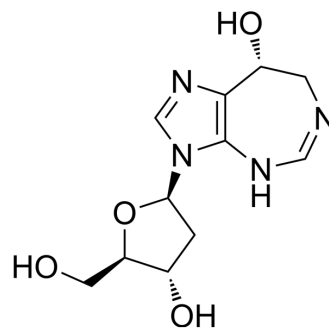
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Pentostatin (Standard)

Cat. No.:	HY-A0006R
CAS No.:	53910-25-1
Molecular Formula:	C ₁₁ H ₁₆ N ₄ O ₄
Molecular Weight:	268.27
Target:	Antibiotic; Adenosine Deaminase
Pathway:	Anti-infection; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Pentostatin (Standard) is the analytical standard of Pentostatin. This product is intended for research and analytical applications. Pentostatin (CI-825; Deoxycoformycin) is an irreversible inhibitor of adenosine deaminase with K _i of 2.5 pM.
IC ₅₀ & Target	Ki: 2.5 pM (adenosine deaminase)

REFERENCES

- [1]. Bethge WA, et al. Extracorporeal photopheresis combined with pentostatin in the conditioning regimen for canine hematopoietic cell transplantation does not prevent GVHD. Bone Marrow Transplant. 2014 Sep;49(9):1198-204.
- [2]. Dalla Rosa L, et al. Cordycepin (3'-deoxyadenosine) pentostatin (deoxycoformycin) combination treatment of mice experimentally infected with Trypanosoma evansi. Parasitology. 2013 Apr;140(5):663-71.

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

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