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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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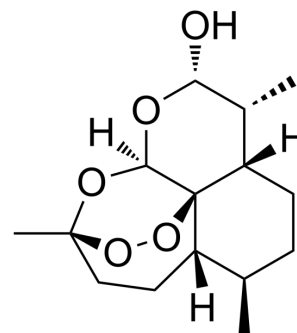
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Dihydroartemisinin (Standard)

Cat. No.:	HY-N0176R
CAS No.:	71939-50-9
Molecular Formula:	C ₁₅ H ₂₄ O ₅
Molecular Weight:	284.35
Target:	Apoptosis; Parasite; NF-κB; Autophagy
Pathway:	Apoptosis; Anti-infection; NF-κB; Autophagy
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Dihydroartemisinin (Standard) is the analytical standard of Dihydroartemisinin. This product is intended for research and analytical applications. Dihydroartemisinin is a potent anti-malaria agent.
IC₅₀ & Target	RelA/p65 ^[1] Autophagy ^[1]

REFERENCES

- [1]. Hu W, et al. Dihydroartemisinin induces autophagy by suppressing NF-κB activation. *Cancer Lett.* 2014 Feb 28;343(2):239-48.
- [2]. Li YJ, et al. Dihydroartemisinin accentuates the anti-tumor effects of photodynamic therapy via inactivation of NF-κB in Eca109 and Ec9706 esophageal cancer cells. *Cell Physiol Biochem.* 2014;33(5):1527-36.
- [3]. Li HJ, et al. Dihydroartemisinin-praziquantel combinations and multiple doses of dihydroartemisinin in the treatment of *Schistosoma japonicum* in experimentally infected mice. *Ann Trop Med Parasitol.* 2011 Jun;105(4):329-33.

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

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