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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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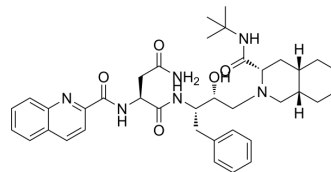
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Saquinavir (Standard)

Cat. No.:	HY-17007R
CAS No.:	127779-20-8
Molecular Formula:	C ₃₈ H ₅₀ N ₆ O ₅
Molecular Weight:	670.84
Target:	HIV Protease; SARS-CoV; HIV
Pathway:	Anti-infection; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Saquinavir (Standard) is the analytical standard of Saquinavir. This product is intended for research and analytical applications. Saquinavir(Ro 31-8959) is an HIV Protease inhibitor used in antiretroviral therapy. Saquinavir is also a SARS-CoV 3CL^{PRO} inhibitor with an IC₅₀ of 1.36 μM.

REFERENCES

- [1]. Marco Donia, Danijela Maksimovic-Ivanic, Sanja Mijatovic, et al. In vitro and in vivo anticancer action of Saquinavir-NO, a novel nitric oxide-derivative of the protease inhibitor saquinavir, on hormone resistant prostate cancer cells. *Cell cycle*. 2011, 10(3): 492 - 499.
- [2]. Walmsley Sharon, Avihingsanon Anchalee, Slim Jihad et al. Gemini: A Noninferiority Study of Saquinavir/Ritonavir Versus Lopinavir/Ritonavir as Initial HIV-1 Therapy in Adults. *JAIDS Journal of Acquired Immune Deficiency Syndromes*. 2009,50 (4) :367-374.
- [3]. Saquinavir
- [4]. Barillari Giovanna, Iovane Andréa, Bacigalupo Ilariaa, et al. Ritonavir or saquinavir impairs the invasion of cervical intraepithelial neoplasia cells via a reduction of MMP expression and activity. *AIDS*. 2012, 26 (8): 909-919.
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- [6]. Qi Sun, et al. Bardoxolone and bardoxolone methyl, two Nrf2 activators in clinical trials, inhibit SARS-CoV-2 replication and its 3C-like protease. *Signal Transduct Target Ther*. 2021 May 29;6(1):212.

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

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