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Produktinformation



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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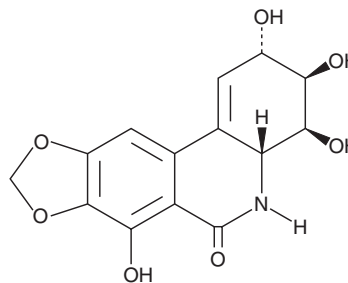
PRODUCT INFORMATION



Narciclasine

Item No. 20361

CAS Registry No.: 29477-83-6
Formal Name: (2S,3R,4S,4aR)-3,4,4a,5-tetrahydro-2,3,4,7-tetrahydroxy-[1,3]dioxolo[4,5-j]phenanthridin-6(2H)-one
Synonyms: (+)-Lycoricidinol, (+)-Narciclasine
MF: C₁₄H₁₃NO₇
FW: 307.3
Purity: ≥98%
UV/Vis.: λ_{max}: 213, 252, 302 nm
Supplied as: A crystalline solid
Storage: -20°C
Stability: ≥2 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

Narciclasine is supplied as a crystalline solid. A stock solution may be made by dissolving the narciclasine in the solvent of choice. Narciclasine is soluble in the organic solvent DMSO, which should be purged with an inert gas, at a concentration of approximately 100 mM.

Description

Narciclasine is a plant growth inhibitor that can be isolated from *Narcissus* bulbs. At 1 μM, it has been shown to induce apoptosis-mediated cytotoxicity in human cancer cells *in vitro* but not in normal fibroblasts.¹ Narciclasine has been shown to regulate the Rho/Rho kinase/LIM kinase/cofilin signaling pathway by increasing GTPase RhoA activity, as well as inducing actin stress fiber formation in a RhoA-dependent manner.¹

Reference

1. Lefranc, F., Sauvage, S., Van Goietsenoven, G., *et al.* Narciclasine, a plant growth modulator, activates Rho and stress fibers in glioblastoma cells. *Mol. Cancer Ther.* **8(7)**, 1739-1750 (2009).

WARNING

THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA

This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the [complete](#) Safety Data Sheet, which has been sent via email to your institution.

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