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Produktinformation



Forschungsprodukte & Biochemikalien



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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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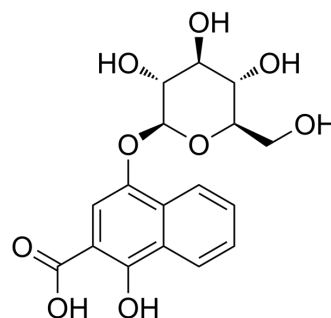
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Rubinaphthin A

Cat. No.:	HY-N8024
CAS No.:	448962-05-8
Molecular Formula:	C ₁₇ H ₁₈ O ₉
Molecular Weight:	366.32
Target:	TMV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Rubinaphthin A is a naphthohydroquinone that can be found in the roots of <i>Rubia yunnanensis</i> . Rubinaphthin A exhibits inhibitory activity against tobacco mosaic virus (TMV) ^{[1][2]} .
IC₅₀ & Target	tobacco mosaic virus ^[2]
In Vitro	Rubinaphthin A (compound C) (200 µg/mL) shows inhibitory activity against TMV, with the inhibition rate of 51.49% ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Liou MJ, et, al. Constituents of the roots of *Rubia yunnanensis*. *Chem Pharm Bull (Tokyo)*. 2002 Feb;50(2):276-9.

[2]. Shen S, et, al. A novel and other bioactive secondary metabolites from a marine fungus *Penicillium oxalicum* 0312F1. *Nat Prod Res*. 2013;27(24):2286-91.

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

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