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Zuschläge

- Mindermengenzuschlag
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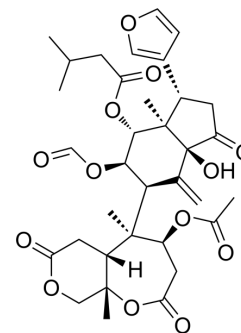
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Rohitukin

Cat. No.:	HY-126589
CAS No.:	62653-92-3
Molecular Formula:	C ₃₄ H ₄₂ O ₁₃
Molecular Weight:	658.69
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Rohitukin is a limonoid, which can be isolated from *Turraea obtusifolia*. Rohitukin is an antagonist for insect hormone 20-hydroxyecdysone (20-E) with ED₅₀ of 125 μM. Rohitukin explains the strategy for plants defend against insect predation, and can be used for research about insect control^[1].

REFERENCES

[1]. Sarker SD, et al., Two limonoids from *Turraea obtusifolia* (Meliaceae), prieurianin and rohitukin, antagonise 20-hydroxyecdysone action in a *Drosophila* cell line. *Arch Insect Biochem Physiol.* 1997;35(1-2):211-7.

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

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