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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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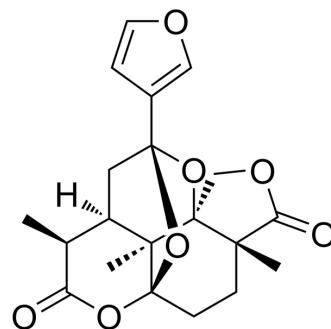
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Saudin

| | |
|--------------------|---|
| Cat. No.: | HY-N7241 |
| CAS No.: | 94978-16-2 |
| Molecular Formula: | C ₂₀ H ₂₂ O ₇ |
| Molecular Weight: | 374.38 |
| Target: | Others |
| Pathway: | Others |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

Description

Saudin, derived from *Clutia lanceolata*, is a hypoglycemic compound that significantly enhances glucose-triggered insulin release from murine pancreatic islets. It belongs to a group of new diterpenoids with a distinct tetracyclic core, suggesting potential as a therapeutic agent for diabetes treatment. Proposed biosynthetic pathways outline alternative cyclization routes from a common precursor, with Lanceolide P (16) identified as a promising lead compound for further development in managing diabetes^[1].

REFERENCES

[1]. Compounds Related to Saudin and Three New Series of Diterpenoids from *Clutia lanceolata*

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

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