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Produktinformation



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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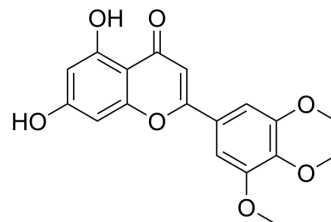
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Tricetin 3',4',5'-trimethyl ether

| | |
|--------------------|---|
| Cat. No.: | HY-N7150 |
| CAS No.: | 18103-42-9 |
| Molecular Formula: | C ₁₈ H ₁₆ O ₇ |
| Molecular Weight: | 344.32 |
| Target: | Xanthine Oxidase |
| Pathway: | Metabolic Enzyme/Protease |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

Description

Tricetin 3',4',5'-trimethyl ether (5,7-Dihydroxy-3',4',5'-trimethoxyflavone) is a flavone glucoside, that can be isolated the flowers of *Chrysanthemum sinense*. Tricetin 3',4',5'-trimethyl ether displays xanthine oxidase competitive-type inhibitory activity, with an IC₅₀ of 0.51 μM and a K_i of 0.37 μM^[1].

REFERENCES

[1]. Nguyen MT, Awale S, Tezuka Y, Ueda JY, Tran QL, Kadota S. Xanthine oxidase inhibitors from the flowers of *Chrysanthemum sinense*. *Planta Med.* 2006 Jan;72(1):46-51.

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

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