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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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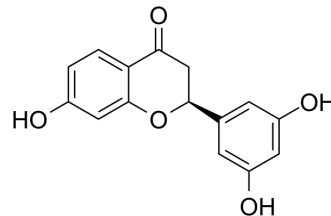
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7,3',5'-Trihydroxyflavanone

Cat. No.:	HY-N9391
CAS No.:	847375-46-6
Molecular Formula:	C ₁₅ H ₁₂ O ₅
Molecular Weight:	272.25
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description 7,3',5'-Trihydroxyflavanone, a flavanoid derivative, induces the apoptotic cell death of MCF-7 cells by increasing Bax expression level. 7,3',5'-Trihydroxyflavanone also exhibits antioxidant activity^{[1][2]}.

REFERENCES

- [1]. Abdullah H, et, al. A natural compound from Hydnohytium formicarium induces apoptosis of MCF-7 cells via up-regulation of Bax. *Cancer Cell Int.* 2010 May 4;10:14.
- [2]. Tsvetkov DE, et, al. Components of the extracts of the knot wood of Dalbergia Sissoo Linn. and their antioxidant activity. *Russian Chemical Bulletin.* 2019 Sep; 68:1756-1762.

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

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