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Produktinformation



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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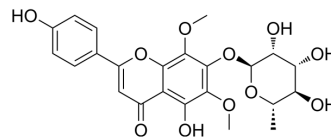
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5,4'-Dihydroxy-6,8-dimethoxy-7-O-rhamnosyl flavone

Cat. No.:	HY-N12959
CAS No.:	927406-46-0
Molecular Formula:	C ₂₃ H ₂₄ O ₁₁
Molecular Weight:	476.43
Target:	PI3K; Akt; NF-κB
Pathway:	PI3K/Akt/mTOR; NF-κB
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

5,4'-Dihydroxy-6,8-dimethoxy-7-O-rhamnosyl flavone (DDR) is an anticancer agent that can be extracted from *Indigofera ovata*. 5,4'-Dihydroxy-6,8-dimethoxy-7-O-rhamnosyl flavone can inhibit the PI3K/AKT and NF-κB pathways, inhibit the invasion and migration of cancer cells, and has anticancer activity^[1].

REFERENCES

[1]. Al-Saeedi F, Rajendran P. Anti-metastasis activity of 5, 4'-dihydroxy 6, 8-dimethoxy 7-O-rhamnosyl flavone from *Indigofera aspalathoides* Vahl on breast cancer cells[J]. *Scientific Reports*, 2024, 14(1): 12349.

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

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