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Part of Europa Biosite

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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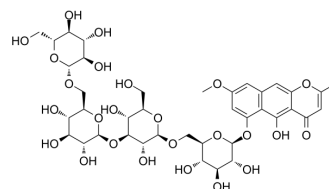
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Cassiaside B2

Cat. No.:	HY-N8200
CAS No.:	218155-40-9
Molecular Formula:	C ₃₉ H ₅₂ O ₂₅
Molecular Weight:	920.82
Target:	Phosphatase; Monoamine Oxidase; 5-HT Receptor
Pathway:	Metabolic Enzyme/Protease; Neuronal Signaling; GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Cassiaside B2 is a protein tyrosine phosphatase 1B (PTP1B) and human monoamine oxidase A (hMAO-A) inhibitor. Cassiaside B2 possesses antiallergic and is a 5-HT_{2C} receptor agonist^{[1][2],[3]}.

REFERENCES

- [1]. Pradeep Paudel, et al. Rubrofusarin as a Dual Protein Tyrosine Phosphate 1B and Human Monoamine Oxidase-A Inhibitor: An in Vitro and in Silico Study. ACS Omega. 2019 Jul 3;4(7):11621-11630.
- [2]. S Kitanaka, et al. Antiallergic agent from natural sources. Structures and inhibitory effect of histamine release of naphthopyrone glycosides from seeds of *Cassia obtusifolia* L. Chem Pharm Bull (Tokyo). 1998 Oct;46(10):1650-2.
- [3]. Heidi Yuen, et al. Mechanisms of Action of Cassiae Semen for Weight Management: A Computational Molecular Docking Study of Serotonin Receptor 5-HT_{2C}. Int J Mol Sci. 2020 Feb 16;21(4):1326.

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

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