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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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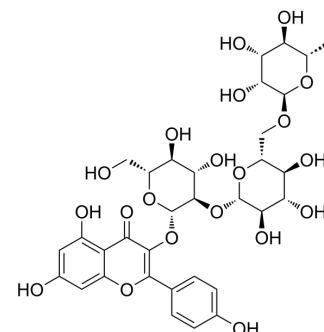
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Kaempferol-3-O- α -L-rhamnopyranosyl-(1 \rightarrow 6)- β -D-glucopyranosyl-(1 \rightarrow 2)- β -D-glucopyranoside

Cat. No.:	HY-N8163
CAS No.:	476617-49-9
Molecular Formula:	C ₃₃ H ₄₀ O ₂₀
Molecular Weight:	756.66
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Kaempferol-3-O- α -L-rhamnopyranosyl-(1 \rightarrow 6)- β -D-glucopyranosyl-(1 \rightarrow 2)- β -D-glucopyranoside is an antioxidant with an IC ₅₀ of 26.6 μ M (DPPH assay) ^[1] .
In Vitro	Kaempferol-3-O- α -L-rhamnopyranosyl-(1 \rightarrow 6)- β -D-glucopyranosyl-(1 \rightarrow 2)- β -D-glucopyranoside exhibits inhibitory activity against TPA-induced free radical formation in a HL-60 cell culture system and shows free radical scavenging activity in the DPPH assay. The IC ₅₀ values are 26.6 μ M and 17.6 μ M in DPPH and cytochrome-c reduction assays ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Yu-Ping Tang, et al. Isolation and identification of antioxidants from Sophora japonica. J Asian Nat Prod Res. 2002 Jun;4(2):123-8.

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

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