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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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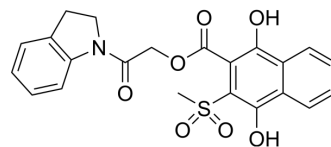
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Plant 14-3-3-IN-1

Cat. No.:	HY-161611
Molecular Formula:	C ₂₂ H ₁₉ NO ₇ S
Molecular Weight:	441.45
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Plant 14-3-3-IN-1 (Compound 2) is an inhibitor for 14-3-3 proteins in *Arabidopsis thaliana*, with an IC₅₀ of 1.21 μM. Plant 14-3-3-IN-1 exhibits different inhibitory activities against different 14-3-3 isomers. Plant 14-3-3-IN-1 promotes the closure of stomata on leaves^[1].

REFERENCES

[1]. Nishiyama K, et al., Discovery of a Plant 14-3-3 Inhibitor Possessing Isoform Selectivity and In Planta Activity. *Angew Chem Int Ed Engl.* 2024 Apr 24:e202400218.

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

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