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Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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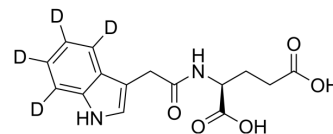
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Indole-3-acetyl glutamate-d₄

Cat. No.:	HY-W588263S1
Molecular Formula:	C ₁₅ H ₁₂ D ₄ N ₂ O ₅
Molecular Weight:	308.32
Target:	Isotope-Labeled Compounds; Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Indole-3-acetyl glutamate-d₄ (IAGlu-d₄) is deuterium labeled Indole-3-acetyl glutamate. Indole-3-acetyl glutamate (IAGlu) is a derivative of the plant hormone indole-3-acetic acid (IAA). As a conjugated form of IAA, Indole-3-acetyl glutamate involves in the transport, storage, and homeostatic regulation of IAA within the plant. Indole-3-acetyl glutamate can be used for research into the effects of plant hormones on the growth and development of plants^{[1][2]}.

REFERENCES

- [1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. Ann Pharmacother. 2019 Feb;53(2):211-216.
- [2]. Ostin A, et al. Metabolism of indole-3-acetic acid in Arabidopsis[J]. Plant physiology, 1998, 118(1): 285-296.

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

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