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Produktinformation



Forschungsprodukte & Biochemikalien



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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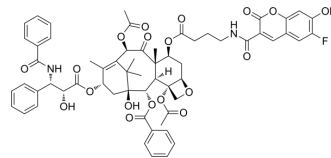
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6FC-GABA-Taxol

Cat. No.:	HY-D2341
Molecular Formula:	C ₆₁ H ₆₁ FN ₂ O ₁₉
Molecular Weight:	1145.14
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

6FC-GABA-Taxol is a fluorescent probe with cell permeability, which is formed by connecting 6FC to the anticancer drug Taxol (HY-B0015) via γ -aminobutyric acid (GABA). 6FC-GABA-Taxol can bind to microtubules in living cells and image them through confocal microscopy. Additionally, 6FC-GABA-Taxol enables the quantification of microtubule binding using flow cytometry without the addition of efflux inhibitors^[1].

REFERENCES

[1]. Rane D, et al. Synthesis of Monofluorinated 7-Hydroxycoumarin-3-Carboxamides as Cell-Permeable Fluorescent Molecular Probes. *ACS Med Chem Lett.* 2024;15(5):677-683. Published 2024 Apr 15.

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

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