



SZABO SCANDIC

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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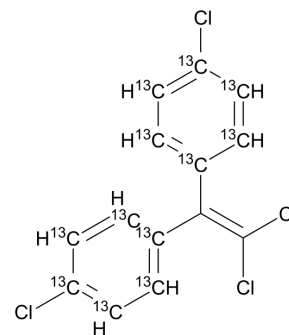
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p,p'-DDE-¹³C₁₂

Cat. No.:	HY-W753141
CAS No.:	201612-50-2
Molecular Formula:	C ₂ ¹³ C ₁₂ H ₈ Cl ₄
Molecular Weight:	329.94
Target:	Isotope-Labeled Compounds; Androgen Receptor; Drug Metabolite
Pathway:	Others; Vitamin D Related/Nuclear Receptor; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

p,p'-DDE-¹³C₁₂ is ¹³C labeled p,p'-DDE. p,p'-DDE (4,4'-DDE), a major metabolite of persistent dichlorodiphenyltrichloroethane (DDT), is a potent androgen receptor antagonist, with an IC₅₀ of 5 μM and a K_i of 3.5 μM^{[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]. Kelce WR, et al. Persistent DDT metabolite p,p'-DDE is a potent androgen receptor antagonist. *Nature*. 1995;375(6532):581-585.

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

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