



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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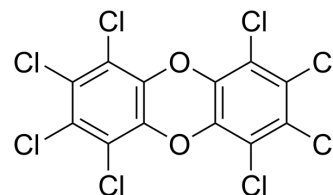
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Octachlorodibenzo-p-dioxin

Cat. No.:	HY-W762012
CAS No.:	3268-87-9
Molecular Formula:	C ₁₂ Cl ₈ O ₂
Molecular Weight:	459.75
Target:	Cytochrome P450
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Octachlorodibenzo-p-dioxin (OCDD) is an environmental contaminant but is not acutely toxic. In rats, Octachlorodibenzo-p-dioxin (50 µg/kg i.v. or 50-5000 µg/kg p.o.) has a systemic elimination half-life of 3-5 months and accumulates and concentrates in the liver and adipose tissue after low-dose, repeated exposure. Repeated administration of octachlorodibenzo-p-dioxin causes increases in 7-ethoxyresorufin-O-deethylase (7-EROD) activity and total cytochrome P-450 levels^[1].

REFERENCES

[1]. Birnbaum LS, et al. Disposition of octachlorodibenzo-p-dioxin (OCDD) in male rats. Toxicol Appl Pharmacol. 1988 Mar 30;93(1):22-30.

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

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