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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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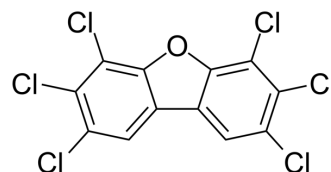
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2,3,4,6,7,8-Hexachlorodibenzofuran

Cat. No.:	HY-W762018
CAS No.:	60851-34-5
Molecular Formula:	C ₁₂ H ₂ Cl ₆ O
Molecular Weight:	374.86
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

2,3,4,6,7,8-Hexachlorodibenzofuran (2,3,4,6,7,8-HxCDF) is a dioxin-like polychlorinated dibenzofuran (PCDF). 2,3,4,6,7,8-Hexachlorodibenzofuran induces expression of the genes encoding aryl hydrocarbon hydroxylase (AHH) and ethoxyresorufin-O-deethylase (EROD) in H-4-II-E rat hepatoma cells (EC₅₀s = 0.687 and 0.575 nM, respectively)^{[1][2]}.

REFERENCES

- [1]. Harnly M, et al. Polychlorinated Dibenzo-p-dioxin and Dibenzofuran Contamination at Metal Recovery Facilities, Open Burn Sites, and a Railroad Car Incineration Facility. *Environ Sci Technol.* 1995 Mar 1;29(3):677-84.
- [2]. Bandiera S, et al. Polychlorinated dibenzofurans (PCDFs): effects of structure on binding to the 2,3,7,8-TCDD cytosolic receptor protein, AHH induction and toxicity. *Toxicology.* 1984 Aug;32(2):131-44.

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

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