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Produktinformation



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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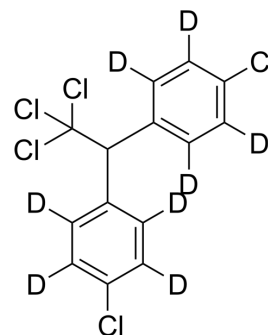
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Chlorophenothane-d8

Cat. No.:	HY-B1603S
CAS No.:	93952-18-2
Molecular Formula:	C ₁₄ H ₈ Cl ₅
Molecular Weight:	362.54
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Chlorophenothane-d8 is the deuterium labeled Chlorophenothane. Chlorophenothane has stomach poisoning and contact killing effects. Chlorophenothane has been widely used as an insecticide ^{[1][2]} .
In Vitro	Stable heavy isotopes of hydrogen, carbon, and other elements have been incorporated into drug molecules, largely as tracers for quantitation during the drug development process. Deuteration has gained attention because of its potential to affect the pharmacokinetic and metabolic profiles of drugs ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. *Ann Pharmacother*. 2019;53(2):211-223.
- [2]. M C Lechner, et al. A possible role of liver microsomal alkaline ribonuclease in the stimulation of oxidative drug metabolism by phenobarbital, chlordane and chlorophenothane (DDT). *Biochem Pharmacol*. 1971 Nov;20(11):3021-8.

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

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