



**Molecular Formula:** C<sub>10</sub>H<sub>5</sub>Cl<sub>7</sub>

**Molecular Weight:** 373.318

**Accurate Mass:** 369.821089

**Percentage Composition:** C 32.17%; H 1.35%; Cl 66.48%

**Biological Use/Importance:** Insecticide. Component of coml. \*Chlordane\*

**Physical Description:** Cryst. or solid

**Melting Point:** Mp 108-110° (95-96°)

**Other Data:** See also Chlordane [HCF44-Z](#)

**Hazard & Toxicity:** Highly toxic by skin absorption. Exp. carcinogen. Emits highly toxic fumes when heated to dec.

>>Derivative: 2 $\alpha$ ,3 $\alpha$ -Epoxide

Synonym(s): *trans*-Heptachlor epoxide

**CAS Registry Number:** 28044-83-9

**Extra CAS Registry Numbers(s):** 76986-14-6 145213-12-3

**Molecular Formula:** C<sub>10</sub>H<sub>5</sub>Cl<sub>7</sub>O

**Molecular Weight:** 389.318

**Accurate Mass:** 385.816004

**Percentage Composition:** C 30.85%; H 1.29%; Cl 63.74%; O 4.11%

**Metabolism:** Metab. of Heptachlor/Chlordane

**Physical Description:** Cryst. (hexane)

**Melting Point:** Mp 86-89° (83-85°)

**Other Data:** Enantiomers also known, obt. by chiral glc

>>Derivative: 2 $\beta$ ,3 $\beta$ -Epoxide

**CAS Registry Number:** 66429-35-4

**Extra CAS Registry Numbers(s):** 1024-57-3

**Molecular Formula:** C<sub>10</sub>H<sub>5</sub>Cl<sub>7</sub>O

**Molecular Weight:** 389.318

**Accurate Mass:** 385.816004

**Percentage Composition:** C 30.85%; H 1.29%; Cl 63.74%; O 4.11%

**Physical Description:** Cryst. (EtOH)

**Melting Point:** Mp 164.5°

#### References:

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