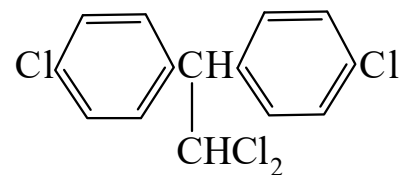




>>Entry Name: **1,1-Dichloro-2,2-bis(4-chlorophenyl)ethane**, 8Cl

Synonym(s): 1,1'-(2,2-Dichloroethylidene)bis[4-chlorobenzene], 9Cl. *p,p'*-DDD. TDE, BSI, ISO. Rhothane



CAS Registry Number: 72-54-8

Molecular Formula: C₁₄H₁₀Cl₄

Molecular Weight: 320.044

Accurate Mass: 317.953658

Percentage Composition: C 52.54%; H 3.15%; Cl 44.31%

Use/Importance: Degradn. prod. of 1,1,1-Trichloro-2,2-bis(4-chlorophenyl)ethane [DZH25-R](#). Insecticide, now superseded

Physical Description: Cryst. (petrol)

Melting Point: Mp 111°

Hazard & Toxicity: LD₅₀ (rat, orl) 113 mg/kg. LD₅₀ (rbt, skn) 1200 mg/kg. Exp. neoplastic agent

Aldrich: B3960-7

Supelco: 4-9009

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