



Synonym(s): PCB 123

CAS Registry Number: 65510-44-3

Molecular Formula: C₁₂H₅Cl₅

Molecular Weight: 326.435

Accurate Mass: 323.883385

Percentage Composition: C 44.15%; H 1.54%; Cl 54.30%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 137-138°

>>Variant: 2,3',4,4',6-Pentachlorobiphenyl

Synonym(s): PCB 119

CAS Registry Number: 56558-17-9

Molecular Formula: C₁₂H₅Cl₅

Molecular Weight: 326.435

Accurate Mass: 323.883385

Percentage Composition: C 44.15%; H 1.54%; Cl 54.30%

Melting Point: Mp 75-77°

>>Variant: 2,3',4,5,5'-Pentachlorobiphenyl

Synonym(s): PCB 120

CAS Registry Number: 68194-12-7

Molecular Formula: C₁₂H₅Cl₅

Molecular Weight: 326.435

Accurate Mass: 323.883385

Percentage Composition: C 44.15%; H 1.54%; Cl 54.30%

Melting Point: Mp 131-133°

>>Variant: 2,3',4,5',6-Pentachlorobiphenyl

Synonym(s): PCB 121

CAS Registry Number: 56558-18-0

Molecular Formula: C₁₂H₅Cl₅

Molecular Weight: 326.435

Accurate Mass: 323.883385

Percentage Composition: C 44.15%; H 1.54%; Cl 54.30%

Melting Point: Mp 93-94.5°

>>Variant: 2,3',4',5,5'-Pentachlorobiphenyl

Synonym(s): PCB 124

CAS Registry Number: 70424-70-3

Molecular Formula: C₁₂H₅Cl₅

Molecular Weight: 326.435

Accurate Mass: 323.883385

Percentage Composition: C 44.15%; H 1.54%; Cl 54.30%

Melting Point: Mp 116-117°

>>Variant: 3,3',4,4',5-Pentachlorobiphenyl

Synonym(s): PCB 126

CAS Registry Number: 57465-28-8

Molecular Formula: C₁₂H₅Cl₅

Molecular Weight: 326.435

Accurate Mass: 323.883385

Percentage Composition: C 44.15%; H 1.54%; Cl 54.30%

Use/Importance: Very toxic member of the PCB series

Melting Point: Mp 160-161°

Hazard & Toxicity: Highly toxic