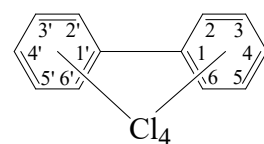




>>Entry Name: Tetrachlorobiphenyls



CAS Registry Number: 26914-33-0

Molecular Formula: C₁₂H₆Cl₄

Molecular Weight: 291.99

Accurate Mass: 289.922358

Percentage Composition: C 49.36%; H 2.07%; Cl 48.57%

transformers, flame-retardants and hydraulic fluids. The use of PCBs is now restricted or prohibited in most countries

Use/Importance: Environmental pollutants

>>Variant: 2,2',3,3'-Tetrachlorobiphenyl

Synonym(s): PCB 40

CAS Registry Number: 38444-93-8

Molecular Formula: C₁₂H₆Cl₄

Molecular Weight: 291.99

Accurate Mass: 289.922358

Percentage Composition: C 49.36%; H 2.07%; Cl 48.57%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 123-124°

>>Variant: 2,2',3,4-Tetrachlorobiphenyl

Synonym(s): PCB 41

CAS Registry Number: 52663-59-9

Molecular Formula: C₁₂H₆Cl₄

Molecular Weight: 291.99

Accurate Mass: 289.922358

Percentage Composition: C 49.36%; H 2.07%; Cl 48.57%

Melting Point: Mp 48-50°

>>Variant: 2,2',3,4'-Tetrachlorobiphenyl

Synonym(s): PCB 42

CAS Registry Number: 36559-22-5

Molecular Formula: C₁₂H₆Cl₄

Molecular Weight: 291.99

Accurate Mass: 289.922358

Percentage Composition: C 49.36%; H 2.07%; Cl 48.57%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 68.5-70°

>>Variant: 2,2',3,5-Tetrachlorobiphenyl

Synonym(s): PCB 43

CAS Registry Number: 70362-46-8

Molecular Formula: C₁₂H₆Cl₄

Molecular Weight: 291.99

Accurate Mass: 289.922358

Percentage Composition: C 49.36%; H 2.07%; Cl 48.57%

Melting Point: Mp 45-46°