



>>Variant: 4-Butyl-4'-cyanobiphenyl

Synonym(s): CB4

CAS Registry Number: 52709-83-8

Molecular Formula: C₁₇H₁₇N

Molecular Weight: 235.328

Accurate Mass: 235.136099

Percentage Composition: C 86.77%; H 7.28%; N 5.95%

Boiling Point: Bp₂ 210-212°

>>Variant: 4-Cyano-4'-pentylbiphenyl

Synonym(s): CB5

CAS Registry Number: 40817-08-1

Molecular Formula: C₁₈H₁₉N

Molecular Weight: 249.355

Accurate Mass: 249.151749

Percentage Composition: C 86.70%; H 7.68%; N 5.62%

Melting Point: Mp 22-23°

Boiling Point: Bp₃ 212-215°

Aldrich: 32851-0

>>Variant: 4-Cyano-4'-(2-methylbutyl)biphenyl

Synonym(s): CB15

CAS Registry Number: 64240-67-1

Extra CAS Registry Numbers(s): 63799-11-1

Molecular Formula: C₁₈H₁₉N

Molecular Weight: 249.355

Accurate Mass: 249.151749

Percentage Composition: C 86.70%; H 7.68%; N 5.62%

Other Data: Also used in chiral form

>>Variant: 4-Cyano-4'-hexylbiphenyl

Synonym(s): CB6

CAS Registry Number: 41122-70-7

Molecular Formula: C₁₉H₂₁N

Molecular Weight: 263.382

Accurate Mass: 263.167399

Percentage Composition: C 86.65%; H 8.04%; N 5.32%

Melting Point: Mp 16.7-17.5°

Boiling Point: Bp₃ 237-240°

Aldrich: 33864-8