



Synonym(s): CB7

CAS Registry Number: 41122-71-8

Molecular Formula: C₂₀H₂₃N

Molecular Weight: 277.408

Accurate Mass: 277.183049

Percentage Composition: C 86.59%; H 8.36%; N 5.05%

Melting Point: Mp 30-31.5°

Boiling Point: Bp₂ 210-211°

Aldrich: 33081-7

>>Variant: 4-Cyano-4'-octylbiphenyl

Synonym(s): CB8

CAS Registry Number: 52709-84-9

Molecular Formula: C₂₁H₂₅N

Molecular Weight: 291.435

Accurate Mass: 291.198699

Percentage Composition: C 86.55%; H 8.65%; N 4.81%

Aldrich: 33868-0

>>Variant: 4-Cyano-4'-nonylbiphenyl

Synonym(s): CB9

CAS Registry Number: 52709-85-0

Molecular Formula: C₂₂H₂₇N

Molecular Weight: 305.462

Accurate Mass: 305.214349

Percentage Composition: C 86.51%; H 8.91%; N 4.59%

>>Variant: 4-Cyano-4'-decylbiphenyl

Synonym(s): CB10

CAS Registry Number: 59454-35-2

Molecular Formula: C₂₃H₂₉N

Molecular Weight: 319.489

Accurate Mass: 319.229999

Percentage Composition: C 86.47%; H 9.15%; N 4.38%