



CAS Registry Number: 52709-87-2

Molecular Formula: C₁₇H₁₇NO

Molecular Weight: 251.327

Accurate Mass: 251.131014

Percentage Composition: C 81.24%; H 6.82%; N 5.57%; O 6.37%

Melting Point: Mp 78° (crystal-smectic transition temp.)

Boiling Point: Bp_{0.3} 115-120°

Rare Chemicals Library: S6036-5

>>Variant: 4-Cyano-4'-pentyloxybiphenyl

Synonym(s): 4'-Pentyloxy-[1,1'-biphenyl]-4-carbonitrile, 9CI

CAS Registry Number: 52364-71-3

Molecular Formula: C₁₈H₁₉NO

Molecular Weight: 265.354

Accurate Mass: 265.146664

Percentage Composition: C 81.48%; H 7.22%; N 5.28%; O 6.03%

Melting Point: Mp 48° (crystal-smectic transition temp.)

Boiling Point: Bp_{0.1} 140-150°

Aldrich: 32852-9

>>Variant: 4-Cyano-4'-hexyloxybiphenyl

Synonym(s): 4'-Hexyloxy-[1,1'-biphenyl]-4-carbonitrile, 9CI

CAS Registry Number: 41424-11-7

Molecular Formula: C₁₉H₂₁NO

Molecular Weight: 279.381

Accurate Mass: 279.162314

Percentage Composition: C 81.68%; H 7.58%; N 5.01%; O 5.73%

Melting Point: Mp 58° (crystal-smectic transition temp.)

Boiling Point: Bp_{0.3} 135-140°

Aldrich: 33865-6