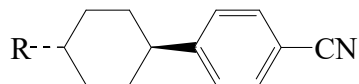




>>Entry Name: **4-(4-Alkylcyclohexyl)benzonitriles**



Related CAS Registry Numbers(s): 66230-67-9 72928-54-2

Use/Importance: A family of compds. showing liq. cryst. behaviour

>>Variant: **4-(4-Propylcyclohexyl)benzonitrile**

Synonym(s): 1-(4-Cyanophenyl)-4-propylcyclohexane

CAS Registry Number: 61203-99-4

Molecular Formula: C₁₆H₂₁N

Molecular Weight: 227.349

Accurate Mass: 227.167399

Percentage Composition: C 84.53%; H 9.31%; N 6.16%

Melting Point: Mp 36°

>>Variant: **4-(4-Butylcyclohexyl)benzonitrile**

Synonym(s): 1-Butyl-4-(4-cyanophenyl)cyclohexane

CAS Registry Number: 61204-00-0

Molecular Formula: C₁₇H₂₃N

Molecular Weight: 241.375

Accurate Mass: 241.183049

Percentage Composition: C 84.59%; H 9.60%; N 5.80%

Melting Point: Mp 41°

>>Variant: **4-(4-Pentylcyclohexyl)benzonitrile**

Synonym(s): 1-(4-Cyanophenyl)-4-pentylcyclohexane

CAS Registry Number: 61204-01-1

Extra CAS Registry Numbers(s): 62788-05-0

Molecular Formula: C₁₈H₂₅N

Molecular Weight: 255.402

Accurate Mass: 255.198699

Percentage Composition: C 84.65%; H 9.87%; N 5.48%

Melting Point: Mp 31°