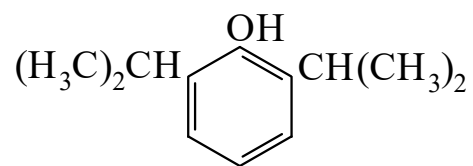




>>Entry Name: **2,6-Diisopropylphenol**, 8CI

Synonym(s): 2,6-Bis(1-methylethyl)phenol, 9CI. **Propofol**, BAN, INN, USAN. Disoprofol (obsol.). Deprivan. Dipridal. Disoprivan. Klimofol. Rapinovel. Recofol. ICI 35868



CAS Registry Number: 2078-54-8

Type of Compound Code(s): XA0550

Molecular Formula: C₁₂H₁₈O

Molecular Weight: 178.274

Accurate Mass: 178.135765

Percentage Composition: C 80.85%; H 10.18%; O 8.97%

Biological Use/Importance: Intravenous anaesthetic

Development Status: Marketed drug. Launched 1986. Worldwide 100th best selling prescription drug (\$0.51 bn) (AstraZeneca) (2000, Pharma Business)

Melting Point: Mp 19°

Boiling Point: Bp₃₀ 136°

Refractive Index: n_D²⁰ 1.5134

Calculated Log P Data: Log P 4.33 (calc)

Hazard & Toxicity: LD₅₀ (mus, ivn) 50 mg/kg. Human neonatal effects

Aldrich: D12660-8

>>Derivative: α-Naphthylurethane

Melting Point: Mp 163-164°

>>Derivative: Ac

CAS Registry Number: 28000-66-0

Molecular Formula: C₁₄H₂₀O₂

Molecular Weight: 220.311

Accurate Mass: 220.14633

Percentage Composition: C 76.33%; H 9.15%; O 14.52%

Melting Point: Mp 12.7°

Boiling Point: Bp₇₃₆ 250°

Refractive Index: n_D²⁵ 1.4903

>>Derivative: Me ether

Synonym(s): 1,3-Diisopropyl-2-methoxybenzene. 2,6-Diisopropylanisole

CAS Registry Number: 2944-52-7

Molecular Formula: C₁₃H₂₀O

Molecular Weight: 192.3

Accurate Mass: 192.151415

Percentage Composition: C 81.20%; H 10.48%; O 8.32%

Boiling Point: Bp_{2.5} 57°

Refractive Index: n_D²⁵ 1.4913

References: