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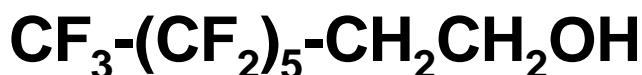
Product Specifications

2-(Perfluorohexyl)ethyl Alcohol

CAS 647-42-7
EG/EC 2114771

Syn: 3,3,4,4,5,5,6,6,7,7,8,8,8-Tridecafluoro-1-octanol;
1H,1H,2H,2H-Perfluoro-1-octanol

Structure:



Mol. Formula
Source

C₈H₅F₁₃O
Synthetic

Mol. Wt.

364.1

<i>Test</i>	<i>Specification</i>
Identity	IR, H-NMR
Appearance	Clear, colorless to pale-yellow liq
Bp	88-95 °C / 28 mm Hg [Lit.]
Assay (glpc)	
C _n F _{2n+1} CH ₂ CH ₂ OH (n = 6, 8, 10)	> 92%
C ₆ F ₁₃ CH ₂ CH ₂ OH	> 50%
Impurities	
C _n F _{2n+1} CH ₂ CH ₂ -I (n + 6, 8, 10...)	1-4%
Water Content	< 0.5%
d_{25 °C}	1.651 g / mL [Lit.]
RI, η_D^{20 °C}	1.313-1.317 [Lit.]

Storage: Maintain in cool, dry containment.