

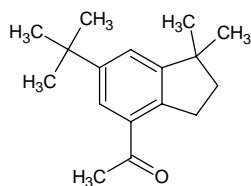
4-acetyl-6-tert-butyl-1,1-dimethylindane

4-アセチル-6-tert-ブチル-1,1-ジメチルインダン

Formula C₁₇H₂₄O

Mol. Wt. 244.37

CAS No. 13171-00-1



SEQ No. 74 ケトン類

FEMA No. 3653

JECFA No. 812

	JFFMA	JECFA	FCC
Chemical name	4-acetyl-6-tert-butyl-1,1-dimethylindane	Acetyl-6-t-butyl-1,1-dimethylindan	
Content (NLT)	98.0 % (GC)	97 %	
Refractive index			
Specific gravity			
Acid value (NMT)			
Melting/Congeeing point	MP: 75 to 79°C	MP: 68 to 70°C	
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		soluble	
Other requirements			
Identification*	IR : 1 MS : 4, 5 NMR :	IR	

*References

- 1: Joint FAO/WHO Expert Committee on Food Additive (JECFA)
- 2: Food Chemicals Codex (FCC)
- 3: 有機化合物のスペクトルデータベース SDBS(独立行政法人産業技術総合研究所)
- 4: Wiley's Registry of Mass spectral Database
- 5: NIST/EPA/NIH Mass Spectral Library
- 6: Sigma-Aldrich