

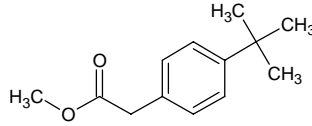
methyl 4-tert-butylphenylacetate

メチル 4-tert-ブチルフェニルアセテート

Formula C₁₃H₁₈O₂

Mol. Wt. 206.28

CAS No. 3549-23-3



SEQ No. 1712 エステル類

FEMA No. 2690

JECFA No. 1025

	JFFMA	JECFA	FCC
Chemical name	methyl 4-tert-butylphenylacetate	Methyl p-tert-butylphenylacetate	
Content (NLT)	95.0 % (GC)	97 %	
Refractive index	1.495-1.505 (n _{20D})	1.494-1.504 (n _{20D})	
Specific gravity	0.994-1.004 (d _{20/20})	0.995-1.003 (d _{25/25})	
Acid value (NMT)	1.0	3.0	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Miscible at room temperature	
Other requirements			
Identification*	IR :6 MS :4,5 NMR :1,6	NMR	

*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