

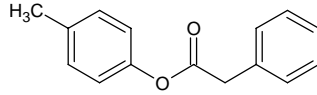
4-methylphenyl phenylacetate

4-メチルフェニル フェニルアセテート

Formula C₁₅H₁₄O₂

Mol. Wt. 226.27

CAS No. 101-94-0



SEQ No. 428 エステル類

FEMA No. 3077

JECFA No. 705

	JFFMA	JECFA	FCC
Chemical name	4-methylphenyl phenylacetate	p-Tolyl phenylacetate	
Content (NLT)	98.0 % (GC)	97 %	
Refractive index			
Specific gravity			
Acid value (NMT)	1.0	1.0	
Melting/Congeealing point	MP: 73 to 78°C	MP: min. 71°C	
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		moderately soluble	
Other requirements			
Identification*	IR :1,3,6 MS :3,4,5 NMR :3,6	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