

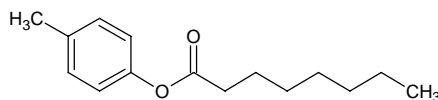
4-methylphenyl octanoate

4-メチルフェニル オクタノエート

Formula C₁₅H₂₂O₂

Mol. Wt. 234.33

CAS No. 59558-23-5



SEQ No. 2402 エステル類

FEMA No. 3733

JECFA No. 703

	JFFMA	JECFA	FCC
Chemical name	4-methylphenyl octanoate	p-Tolyl octanoate	
Content (NLT)	97.0 % (GC)	96 %	
Refractive index	1.482-1.488 (n _{20D})	1.478-1.488 (n _{20D})	
Specific gravity	0.956-0.962 (d _{20/20})	0.952-0.960 (d _{25/25})	
Acid value (NMT)	1.0	1.0	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		miscible	
Other requirements			
Identification*	IR :3 MS :1,3,4,5 NMR :	MS	

*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