

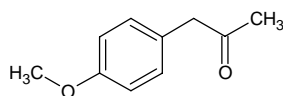
1-(4-methoxyphenyl)-2-propanone

1-(4-メトキシフェニル)-2-プロパノン

Formula C₁₀H₁₂O₂

Mol. Wt. 164.20

CAS No. 122-84-9



SEQ No. 196 ケトン類

FEMA No. 2674

JECFA No. 813

	JFFMA	JECFA	FCC
Chemical name	1-(4-methoxyphenyl)-2-propanone	1-(p-Methoxyphenyl)-2-propanone	
Content (NLT)	97.0 % (GC)	97 %	
Refractive index	1.515-1.535 (n _{20D})	1.520-1.530 (n _{20D})	
Specific gravity	1.055-1.075 (d _{25/25})	1.067-1.073 (d _{25/25})	
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		miscible at room temperature	
Other requirements			
Identification*	IR : 1,3,5 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