

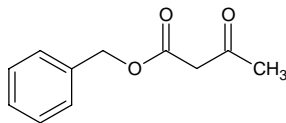
benzyl acetoacetate

ベンジル アセトアセテート

Formula C₁₁H₁₂O₃

Mol. Wt. 192.21

CAS No. 5396-89-4



SEQ No. 214 エステル類

FEMA No. 2136

JECFA No. 848

	JFFMA	JECFA	FCC
Chemical name	benzyl acetoacetate	Benzyl acetoacetate	
Content (NLT)	93.0 % (Chem)	98 %	
Refractive index	1.498-1.516 (n _{20D})	1.498-1.520 (n _{20D})	
Specific gravity	1.111-1.121 (d _{20/20})	1.112-1.120 (d _{25/25})	
Acid value (NMT)	3.0	3.0	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		miscible at room temperature	
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