

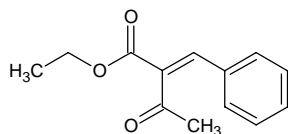
ethyl alpha-acetylcinnamate

エチル α -アセチルシンナメート

Formula C₁₃H₁₄O₃

Mol. Wt. 218.25

CAS No. 620-80-4



SEQ No. 738 エステル類

FEMA No. 4597

JECFA No.

	JFFMA	JECFA	FCC
Chemical name	ethyl alpha-acetylcinnamate		
Content (NLT)	98.0 % (GC)		
Refractive index	1.555-1.561 (n _{20D})		
Specific gravity	1.098-1.104 (d _{20/20})		
Acid value (NMT)	1.0		
Melting/Congeaing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR :3		
	MS :3,4,5		
	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