

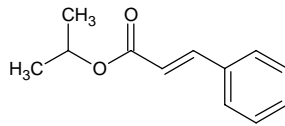
isopropyl cinnamate

イソプロピル シンナメート

Formula C₁₂H₁₄O₂

Mol. Wt. 190.24

CAS No. 7780-06-5



SEQ No. 1405 エステル類

FEMA No. 2939

JECFA No. 661

	JFFMA	JECFA	FCC
Chemical name	isopropyl cinnamate	Isopropyl cinnamate	
Content (NLT)	98.0 % (GC)	98 %	
Refractive index	1.542-1.548 (n _{20D})	1.541-1.548 (n _{20D})	
Specific gravity	1.017-1.023 (d _{20/20})	1.020-1.027 (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 : 3,5,6 MS : 1,3,4,5 NMR : 3,6	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