

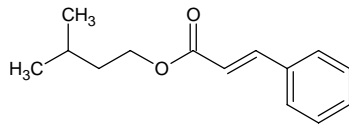
isoamyl cinnamate

イソアミル シンナメート

Formula C₁₄H₁₈O₂

Mol. Wt. 218.29

CAS No. 7779-65-9



SEQ No. 1294 エステル類

FEMA No. 2063

JECFA No. 665

	JFFMA	JECFA	FCC
Chemical name	isoamyl cinnamate	Isoamyl cinnamate	
Content (NLT)	96.0 % (GC)	97 %	
Refractive index	1.531-1.541 (n _{20D})	1.533-1.541 (n _{20D})	
Specific gravity	0.992-1.002 (d _{20/20})	0.992-0.997 (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 : 1,2,3 MS : 3,4,5 NMR : 3	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