

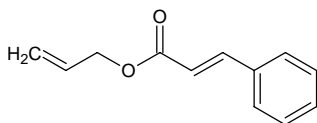
allyl cinnamate

アリル シンナメート

Formula C₁₂H₁₂O₂

Mol. Wt. 188.22

CAS No. 1866-31-5



SEQ No. 99 エステル類

FEMA No. 2022

JECFA No. 19

	JFFMA	JECFA	FCC
Chemical name	allyl cinnamate	Allyl cinnamate	
Content (NLT)	97.0 % (GC)	97 %	
Refractive index	1.564-1.570 (n _{20D})	1.562-1.569 (n _{20D})	
Specific gravity	1.053-1.059 (d _{20/20})	1.050-1.056 (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 : 1,3,6 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