

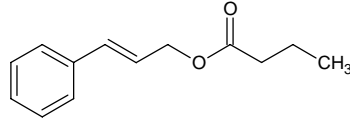
# cinnamyl butyrate

## シンナミル ブチレート

Formula C<sub>13</sub>H<sub>16</sub>O<sub>2</sub>

Mol. Wt. 204.26

CAS No. 103-61-7



SEQ No. 382 エステル類

FEMA No. 2296

JECFA No. 652

	JFFMA	JECFA	FCC
Chemical name	cinnamyl butyrate	Cinnamyl butyrate	Cinnamyl Butyrate
Content (NLT)	95.0 % (GC)	98 %	96.0 % GC(M-1b)
Refractive index	1.523-1.533 (n <sub>20D</sub> )	1.525-1.530 (n <sub>20D</sub> )	1.525-1.530 (n <sub>20D</sub> )
Specific gravity	1.012-1.025 (d <sub>20/20</sub> )	1.010-1.020 (d <sub>25/25</sub> )	1.010-0.015 (d <sub>25/25</sub> )
Acid value (NMT)	1.0	1.0	1.0
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		miscible	1 mL in 1 mL 95% alc
Other requirements			
Identification*	IR :1,2 MS :4,5 NMR :	IR	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