

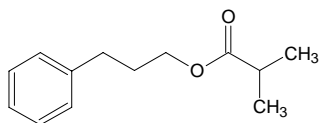
3-phenylpropyl isobutyrate

3-フェニルプロピル イソブチレート

Formula C₁₃H₁₈O₂

Mol. Wt. 206.28

CAS No. 103-58-2



SEQ No. 2168 エステル類

FEMA No. 2893

JECFA No. 640

	JFFMA	JECFA	FCC
Chemical name	3-phenylpropyl isobutyrate	3-Phenylpropyl isobutyrate	
Content (NLT)	98.0 % (GC)	98 %	
Refractive index	1.483-1.489 (n _{20D})	1.483-1.493 (n _{20D})	
Specific gravity	0.978-0.983 (d _{20/20})	0.975-0.981 (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 MS : 4,5 NMR :	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