

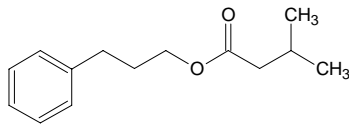
3-phenylpropyl isovalerate

3-フェニルプロピル イソバレレート

Formula C₁₄H₂₀O₂

Mol. Wt. 220.31

CAS No. 5452-07-3



SEQ No. 2169 エステル類

FEMA No. 2899

JECFA No. 641

	JFFMA	JECFA	FCC
Chemical name	3-phenylpropyl isovalerate	3-Phenylpropyl isovalerate	
Content (NLT)	98.0 % (GC)	98 %	
Refractive index	1.482-1.489 (n _{20D})	1.482-1.489 (n _{20D})	
Specific gravity	0.965-0.982 (d _{20/20})	0.962-0.971 (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