

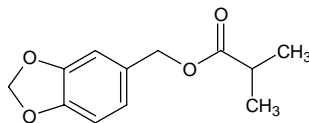
# piperonyl isobutyrate

## ピペロニル イソブチレート

Formula C<sub>12</sub>H<sub>14</sub>O<sub>4</sub>

Mol. Wt. 222.24

CAS No. 5461-08-5



SEQ No. 2189 エステル類

FEMA No. 2913

JECFA No. 895

	JFFMA	JECFA	FCC
Chemical name	piperonyl isobutyrate	Piperonyl isobutyrate	
Content (NLT)	98.0 % (GC)	97 %	
Refractive index	1.506–1.513 (n <sub>20D</sub> )	1.506–1.513 (n <sub>20D</sub> )	
Specific gravity	1.156–1.163 (d <sub>20/20</sub> )	1.154–1.160 (d <sub>25/25</sub> )	
Acid value (NMT)	1.0	1.0	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		miscible at room temperature	
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