

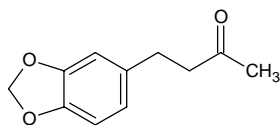
piperonyl acetone

ピペロニル アセトン

Formula C₁₁H₁₂O₃

Mol. Wt. 192.21

CAS No. 55418-52-5



SEQ No. 2187 ケトン類

FEMA No. 2701

JECFA No. 2048

	JFFMA	JECFA	FCC
Chemical name	piperonyl acetone	4-(3,4-Methylenedioxyphenyl)-2-butanone	
Content (NLT)	99.0 % (GC)	99 %	
Refractive index			
Specific gravity			
Acid value (NMT)			
Melting/Congeeing point	MP: 47 to 52°C	MP: 47 to 54°C	
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR :3 MS :3,4,5 NMR :1,3,6	NMR	

*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