

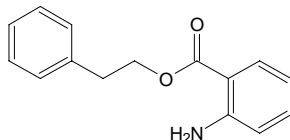
phenethyl anthranilate

フェネチル アンスラニレート

Formula C₁₅H₁₅NO₂

Mol. Wt. 241.29

CAS No. 133-18-6



SEQ No. 2104 エステル類

FEMA No. 2859

JECFA No. 1543

	JFFMA	JECFA	FCC
Chemical name	phenethyl anthranilate	Phenylethyl anthranilate	Phenylethyl Anthranilate
Content (NLT)	97.0 % (GC)	98 %	98.0 % GC(M-1b)
Refractive index			
Specific gravity			
Acid value (NMT)	1.0		1.0
Melting/Congeeing point	MP: 40 to 44°C	MP: 40°C	SP: NLT 40°C
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR : 1,2,6 MS : 4,5 NMR : 6	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