

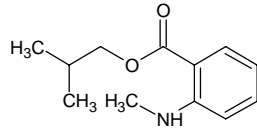
isobutyl N-methylantranilate

イソブチル N-メチルアンスラニレート

Formula C₁₂H₁₇NO₂

Mol. Wt. 207.27

CAS No. 65505-24-0



SEQ No. 1355 エステル類

FEMA No. 4149

JECFA No. 1548

	JFFMA	JECFA	FCC
Chemical name	isobutyl N-methylantranilate	Isobutyl N-methylantranilate	
Content (NLT)	90.0 % (GC)	95 %	
Refractive index	1.539-1.549 (n _{20D})		
Specific gravity	1.032-1.042 (d ₂₀ /20)		
Acid value (NMT)	1.0	1	
Melting/Congeealing point		MP: 70°C	
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR :5 MS :4,5 NMR :1	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