

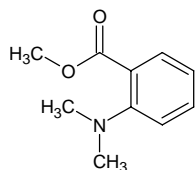
methyl N,N-dimethylantranilate

メチル N,N-ジメチルアンスラニレート

Formula C₁₀H₁₃NO₂

Mol. Wt. 179.22

CAS No. 10072-05-6



SEQ No. 1681 エステル類

FEMA No. 4169

JECFA No. 1551

	JFFMA	JECFA	FCC
Chemical name	methyl N,N-dimethylantranilate	Methyl N,N-dimethylantranilate	
Content (NLT)	98.0 % (Chem)	95 %	
Refractive index	1.552-1.562 (n _{20D})	1.551-1.557 (n _{20D})	
Specific gravity	1.093-1.103 (d _{20/20})	1.093-1.099 (d _{25/25})	
Acid value (NMT)	1.0	1	
Melting/Congeeing point		MP: 18°C	
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR :3 MS :3,4,5 NMR :1,3	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