

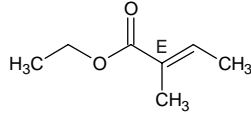
ethyl tiglate

エチル チグレート

Formula C₇H₁₂O₂

Mol. Wt. 128.17

CAS No. 5837-78-5



SEQ No. 879 エステル類

FEMA No. 2460

JECFA No. 1824

	JFFMA	JECFA	FCC
Chemical name	ethyl tiglate	(E)-Ethyl tiglate	
Content (NLT)	98.0 % (GC)	98 %	
Refractive index	1.432-1.438 (n _{20D})	1.432-1.438 (n _{20D})	
Specific gravity	0.923-0.929 (d _{20/20})	0.907-0.916 (d _{25/25})	
Acid value (NMT)	1.0	1.0	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR : 1,3,6 MS : 3,4,5 NMR : 1,3,6	NMR 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