

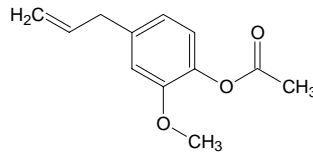
eugenyl acetate

オイゲニル アセテート

Formula C₁₂H₁₄O₃

Mol. Wt. 206.24

CAS No. 93-28-7



SEQ No. 940 エステル類

FEMA No. 2469

JECFA No. 1531

	JFFMA	JECFA	FCC
Chemical name	eugenyl acetate	Eugenyl acetate	Eugenyl Acetate
Content (NLT)	98.0 % (GC)	98 %	98.0 % GC(M-1b)
Refractive index	1.514-1.522 (n _{20D})	1.514-1.522 (n _{20D})	1.514-1.522 (n _{20D})
Specific gravity	1.080-1.086 (d _{20/20})	1.077-1.082 (d _{25/25})	1.077-1.082 (d _{25/25})
Acid value (NMT)	1.0	1	1.0 (phenol red TS)
Melting/Congeealing point		MP: 25°C	SP: NLT 25°C
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	1 mL in 5 mL 70% alc
Other requirements		SG, RI :supercooled liquid	
Identification*	IR :1,2,3 MS :3,4,5 NMR :3	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