

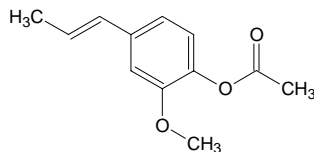
# isoeugenyl acetate

## イソオイゲニル アセテート

Formula C<sub>12</sub>H<sub>14</sub>O<sub>3</sub>

Mol. Wt. 206.24

CAS No. 93-29-8



SEQ No. 1383 エステル類

FEMA No. 2470

JECFA No. 1262

	JFFMA	JECFA	FCC
Chemical name	isoeugenyl acetate	Isoeugenyl acetate	Isoeugenyl Acetate
Content (NLT)	98.0 % (GC)	98 %	98.0 % sum of two isomers, main isomer 95.0% min /GC(M-1b)
Refractive index			
Specific gravity			
Acid value (NMT)	1.0	2.0	2.0 (phenol red TS)
Melting/Congeeing point	MP: 78 to 82°C	MP: 80°C	SP: NLT 76°C
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		soluble	1 g in 27 mL 95% alc gives clear soln
Other requirements			
Identification*	IR :1,2 MS :3,4,5 NMR :	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