

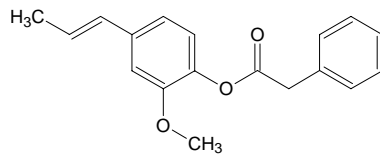
# isoeugenyl phenylacetate

## イソオイゲニル フェニルアセテート

Formula C<sub>18</sub>H<sub>18</sub>O<sub>3</sub>

Mol. Wt. 282.33

CAS No. 120-24-1



SEQ No. 1386 エステル類

FEMA No. 2477

JECFA No. 1263

	JFFMA	JECFA	FCC
Chemical name	isoeugenyl phenylacetate	Isoeugenyl phenylacetate	
Content (NLT)	95.0 % (GC) sum of isomers (cis- 10%、 trans- 90%)	95 %	
Refractive index	1.573-1.583 (n <sub>20D</sub> )	1.575-1.577 (n <sub>20D</sub> )	
Specific gravity	1.105-1.125 (d <sub>20/20</sub> )	1.113-1.117 (d <sub>25/25</sub> )	
Acid value (NMT)	5.0	1.0	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		soluble	
Other requirements			
Identification*	IR : MS : NMR :1,6	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