

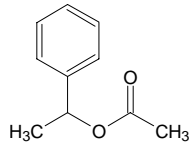
# styrallyl acetate

## スチラリル アセテート

Formula C<sub>10</sub>H<sub>12</sub>O<sub>2</sub>

Mol. Wt. 164.20

CAS No. 93-92-5



SEQ No. 2298 エステル類

FEMA No. 2684

JECFA No. 801

	JFFMA	JECFA	FCC
Chemical name	styrallyl acetate	alpha-Methylbenzyl acetate	Methyl Phenylcarbinyll Acetate
Content (NLT)	97.0 % (GC)	98 %	97.0 %
Refractive index	1.492-1.498 (n <sub>20D</sub> )	1.492-1.504 (n <sub>20D</sub> )	1.493-1.497 (n <sub>20D</sub> )
Specific gravity	1.025-1.031 (d <sub>20/20</sub> )	1.020-1.035 (d <sub>25/25</sub> )	1.023-1.026 (d <sub>25/25</sub> )
Acid value (NMT)	2.0	5.0	2.0
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		miscible at room temperature	1 mL in 7 mL 60% alc
Other requirements			Chlorinated Cmpds.- passes test
Identification*	IR :1,2 MS :4,5 NMR :6	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