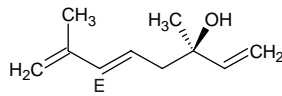


d-3,7-dimethyl-1,5,7-octatrien-3-ol

d-trans-3,7-ジメチル-1,5,7-オクタトリエン-3-オール

Formula C₁₀H₁₆O

Mol. Wt. 152.23



CAS No.

SEQ No. 633 脂肪族高級アルコール類

FEMA No.

JECFA No.

	JFFMA	JECFA	FCC
Chemical name	d-3,7-dimethyl-1,5,7-octatrien-3-ol		
Content (NLT)	92.0 % (GC)		
Refractive index	1.487-1.497 (n _{20D})		
Specific gravity	0.882-0.892 (d _{20/20})		
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation	AR: 5 to 30° (α _{20D})		
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR : 1 (I-)		
	MS : 1 (I-), 4 (I-), 5		
	NMR : 1 (I-)		

*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