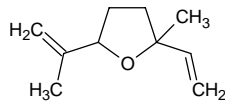


2-ethenyl-5-isopropenyl-2-methyltetrahydrofuran

2-エテニル-5-イソプロペニル-2-メチルテトラヒドロフラン

Formula C₁₀H₁₆O

Mol. Wt. 152.23



CAS No. 13679-86-2

SEQ No. 2923 エーテル類

FEMA No. 3759

JECFA No. 1455

	JFFMA	JECFA	FCC
Chemical name	2-ethenyl-5-isopropenyl-2-methyltetrahydrofuran	5-Isopropenyl-2-methyl-2-vinyltetrahydrofuran (cis and trans mixture)	
Content (NLT)	97.0 % (GC) sum of isomers	97 %	
Refractive index	1.449-1.455 (n _{20D})	1.449-1.454 (n _{20D})	
Specific gravity	0.873-0.879 (d _{20/20})	0.874-0.878 (d _{25/25})	
Acid value (NMT)		2	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR : MS :4 NMR :1	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