

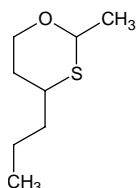
2-methyl-4-propyl-1,3-oxathiane

2-メチル-4-プロピル-1,3-オキサチアン

Formula C₈H₁₆OS

Mol. Wt. 160.28

CAS No. 67715-80-4



SEQ No. 1781 チオエーテル類

FEMA No. 3578

JECFA No. 464

	JFFMA	JECFA	FCC
Chemical name	2-methyl-4-propyl-1,3-oxathiane	2-Methyl-4-propyl-1,3-oxathiane	
Content (NLT)	98.0 % (GC) sum of isomers	98 % 80-90% cis isomer	
Refractive index	1.475-1.485 (n _{20D})	1.475-1.485 (n _{20D})	
Specific gravity	0.973-0.983 (d _{20/20})	0.970-0.982 (d _{25/25})	
Acid value (NMT)			
Melting/Congeaing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR : MS : 1,4,5 NMR :	MS	

*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