

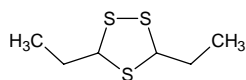
3,5-diethyl-1,2,4-trithiolane

3,5-ジエチル-1,2,4-トリチオラン

Formula C₆H₁₂S₃

Mol. Wt. 180.35

CAS No. 54644-28-9



SEQ No. 2856 チオエーテル類

FEMA No. 4030

JECFA No. 1686

	JFFMA	JECFA	FCC
Chemical name	3,5-diethyl-1,2,4-trithiolane	3,5-Diethyl-1,2,4-trithiolane	
Content (NLT)	95.0 % (GC) sum of isomers	95 % sum of cis and trans isomers	
Refractive index	1.558-1.570 (n _{20D})	1.558-1.570 (n _{20D})	
Specific gravity	1.147-1.160 (d _{20/20})	1.147-1.160 (d _{25/25})	
Acid value (NMT)			
Melting/Congeaing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR : MS : 4,5 NMR : 1	HNMR	

*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