

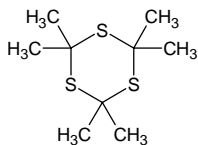
2,2,4,4,6,6-hexamethyl-1,3,5-trithiane

2,2,4,4,6,6-ヘキサメチル-1,3,5-トリチアン

Formula C₉H₁₈S₃

Mol. Wt. 222.43

CAS No. 828-26-2



SEQ No. 2444 チオエーテル類

FEMA No. 3475

JECFA No. 543

	JFFMA	JECFA	FCC
Chemical name	2,2,4,4,6,6-hexamethyl-1,3,5-trithiane	Trithioacetone	
Content (NLT)	90.0 % (GC)	99 %	
Refractive index	1.535-1.547 (n _{20D})	1.537-1.545 (n _{20D})	
Specific gravity	1.057-1.077 (d _{20/20})	1.062-1.068 (d _{25/25})	
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR : 1,6 MS : 4,5 NMR : 1,6	NMR, 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