

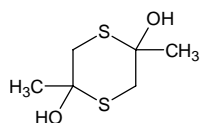
# 2,5-dihydroxy-2,5-dimethyl-1,4-dithiane

## 2,5-ジヒドロキシ-2,5-ジメチル-1,4-ジチアン

Formula C<sub>6</sub>H<sub>12</sub>O<sub>2</sub>S<sub>2</sub>

Mol. Wt. 180.29

CAS No. 55704-78-4



SEQ No. 591 脂肪族高級アルコール類

FEMA No. 3450

JECFA No. 562

	JFFMA	JECFA	FCC
Chemical name	2,5-dihydroxy-2,5-dimethyl-1,4-dithiane	2,5-Dimethyl-2,5-dihydroxy-1,4-dithiane	
Content (NLT)	95.0 % (GC)	95 %	
Refractive index			
Specific gravity			
Acid value (NMT)			
Melting/Congeeing point	MP: 79 to 85°C	MP: 183°C	
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR :3 MS :3 NMR :1,3	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