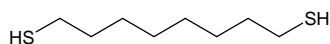


1,8-octanedithiol

1,8-オクタンジチオール

Formula C₈H₁₈S₂



Mol. Wt. 178.36

CAS No. 1191-62-4

SEQ No. 2018 チオール類

FEMA No. 3514

JECFA No. 541

	JFFMA	JECFA	FCC
Chemical name	1,8-octanedithiol	1,8-octanedithiol	
Content (NLT)	98.0 % (GC)	99 % +1% 1,2- dithiacyclodecane as equilibrium mixture	
Refractive index	1.501-1.507 (n _{20D})	1.503-1.504 (n _{20D})	
Specific gravity	0.966-0.977 (d _{20/20})	0.962 (d _{20/4})	
Acid value (NMT)			
Melting/Congeaing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR :1(不鮮明) MS :4 NMR :6	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