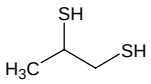
1,2-propanedithiol

1,2-プロパンジチオール

Formula C3H8S2



Mol. Wt. 108.23

CAS No. 814-67-5

SEQ No. 2196 チオール類

FEMA No. 3520

JECFA No. 536

	JFFMA	JECFA	FCC
Chemical name	1,2-propanedithiol	1,2-Propanedithiol	
Content (NLT)	95.0 % (GC)	96 %	
Refractive index	1.526-1.538 (n20D)	1.531-1.541 (n20D)	
Specific gravity	1.058-1.068 (d20/20)	1.075-1.081 (d25/25)	
Acid value (NMT)			
Melting/Congealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements		Chlorinated monothiol: max. 1.1%	
Identification*	IR :1,3,5	IR, NMR	
	MS :3,4,5		
	NMR :1,3		

*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