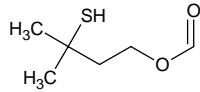


3-mercapto-3-methylbutyl formate

3-メルカプト-3-メチルブチル ホーメート

Formula C₆H₁₂O₂S

Mol. Wt. 148.22



CAS No. 50746-10-6

SEQ No. 1538 エステル類

FEMA No. 3855

JECFA No. 549

	JFFMA	JECFA	FCC
Chemical name	3-mercapto-3-methylbutyl formate	3-Mercapto-3-methylbutyl formate	
Content (NLT)	98.0 % (GC)	95 %	
Refractive index	1.457-1.467 (n _{20D})	1.462-1.472 (n _{20D})	
Specific gravity	1.025-1.035 (d _{20/20})	1.03 (d _{25/25})	
Acid value (NMT)	1.0		
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR :1 MS :1,4,5 NMR :1	IR, MS, 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