

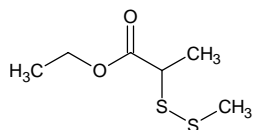
# ethyl 2-(methyldithio)propionate

## エチル 2-(メチルジチオ)プロピオネート

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

Mol. Wt. 180.29

CAS No. 23747-43-5



SEQ No. 735 エステル類

FEMA No. 3834

JECFA No. 581

	JFFMA	JECFA	FCC
Chemical name	ethyl 2-(methyldithio)propionate	Ethyl 2-(methyldithio)propionate	
Content (NLT)	98.0 % (GC)	98 %	
Refractive index	1.497-1.503 (n <sub>20D</sub> )	1.490-1.500 (n <sub>20D</sub> )	
Specific gravity	1.117-1.123 (d <sub>20/20</sub> )	1.090-1.120 (d <sub>25/25</sub> )	
Acid value (NMT)	1.0		
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR : MS : NMR :1	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