

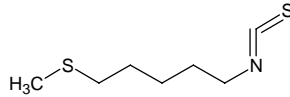
5-(methylthio)pentyl isothiocyanate

5-(メチルチオ)ペンチル イソチオシアネート

Formula C7H13NS2

Mol. Wt. 175.31

CAS No. 4430-42-6



SEQ No. 2517 イソチオシアネート類

FEMA No. 4416

JECFA No. 1896

	JFFMA	JECFA	FCC
Chemical name	5-(methylthio)pentyl isothiocyanate	5-(Methylthio)pentyl isothiocyanate	
Content (NLT)	96.0 % (GC)	96 %	
Refractive index	1.542-1.548 (n20D)	1.542-1.548 (n20D)	
Specific gravity	1.055-1.061 (d20/20)	1.055-1.061 (20°C)	
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR : MS :1 NMR :	MS	

*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