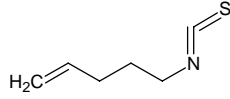


4-pentenyl isothiocyanate

4-ペンテニル イソチオシアネート

Formula C₆H₉NS

Mol. Wt. 127.21



CAS No. 18060-79-2

SEQ No. 2086 イソチオシアネート類

FEMA No. 4427

JECFA No. 1893

	JFFMA	JECFA	FCC
Chemical name	4-pentenyl isothiocyanate	4-Pentenyl isothiocyanate	
Content (NLT)	95.0 % (GC)	95 %	
Refractive index	1.513-1.519 (n _{20D})	1.513-1.519 (n _{20D})	
Specific gravity	0.970-0.976 (d _{20/20})	0.970-0.976 (20°C)	
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR :3 MS :1,3 NMR :3	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