

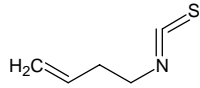
3-butenyl isothiocyanate

3-ブテニル イソチオシアネート

Formula C₅H₇NS

Mol. Wt. 113.18

CAS No. 3386-97-8



SEQ No. 264 イソチオシアネート類

FEMA No. 4418

JECFA No. 1889

	JFFMA	JECFA	FCC
Chemical name	3-butenyl isothiocyanate	3-Butenyl isothiocyanate	
Content (NLT)	97.0 % (GC)	97 %	
Refractive index	1.520-1.526 (n _{20D})	1.520-1.526 (n _{20D})	
Specific gravity	0.990-0.996 (d ₂₀ /20)	0.990-0.996 (20°C)	
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR : MS : 1,4,5 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