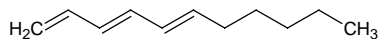


1,3,5-undecatriene

1,3,5-ウンデカトリエン

Formula C₁₁H₁₈



Mol. Wt. 150.26

CAS No. 16356-11-9

SEQ No. 2463 脂肪族高級炭化水素類

FEMA No. 3795

JECFA No. 1341

	JFFMA	JECFA	FCC
Chemical name	1,3,5-undecatriene	1,3,5-Undecatriene	1,3,5-Undecatriene
Content (NLT)	90.0 % (GC)	94 % sum of cis/trans isomers	90 % sum of isomers 90% min /GC(M-1b)
Refractive index	1.507-1.517 (n _{20D})	1.510-1.518 (n _{20D})	1.508-1.517 (n _{20D})
Specific gravity	0.791-0.807 (d _{20/20})	0.788-0.796 (d _{25/25})	0.787-0.793 (d _{25/25})
Acid value (NMT)		1.0	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	1 mL in 25 mL 95% alc
Other requirements		SC: 2,4,6-undecatriene (Z,Z,E)	
Identification*	IR :2 MS : NMR :1	NMR	IR

*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