

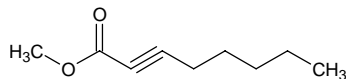
methyl 2-octynoate

メチル 2-オクチノエート

Formula C₉H₁₄O₂

Mol. Wt. 154.21

CAS No. 111-12-6



SEQ No. 1842 エステル類

FEMA No. 2729

JECFA No. 1357

	JFFMA	JECFA	FCC
Chemical name	methyl 2-octynoate	Methyl 2-octynoate	Methyl 2-Octynoate
Content (NLT)	95.0 % (GC)	95 %	96.0 %
Refractive index	1.442-1.452 (n _{20D})	1.443-1.449 (n _{20D})	1.446-1.449 (n _{20D})
Specific gravity	0.917-0.929 (d _{20/20})	0.919-0.924 (d _{25/25})	0.919-0.924 (d _{25/25})
Acid value (NMT)	1.0	1	1.0
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	1 mL in 5 mL 70% alc
Other requirements			Chlorinated Cmpds.- passes test
Identification*	IR : 1,2,3,5 MS : 3,4,5 NMR : 3,6	IR	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