

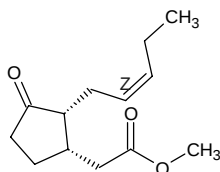
methyl epi-jasmonate

メチル エピジャスモネート

Formula C₁₃H₂₀O₃

Mol. Wt. 224.30

CAS No. 42536-97-0



SEQ No. 1669 エステル類

FEMA No. 3410

JECFA No. 1400

	JFFMA	JECFA	FCC
Chemical name	methyl epi-jasmonate	Methyl jasmonate	
Content (NLT)	97.0 % (GC) sum of isomers	99 %	
Refractive index	1.470–1.477 (n _{20D})	1.470–1.476 (n _{20D})	
Specific gravity	1.022–1.033 (d _{20/20})	1.017–1.023 (d _{25/25})	
Acid value (NMT)	2.0	1	
Melting/Congeeing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR : MS :4 NMR :1	NMR	

*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