

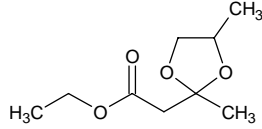
ethyl acetoacetate propyleneglycol acetal

エチル アセトアセテート プロピレングリコール アセタール

Formula C₉H₁₆O₄

Mol. Wt. 188.22

CAS No. 6290-17-1



SEQ No. 808 エステル類

FEMA No. 4294

JECFA No. 1715

	JFFMA	JECFA	FCC
Chemical name	ethyl acetoacetate propyleneglycol acetal	cis- and trans-Ethyl 2,4-dimethyl-1,3-dioxolane-2-acetate	
Content (NLT)	95.0 % (GC) sum of isomers	95 %	
Refractive index	1.422-1.432 (n _{20D})	1.422-1.432 (n _{20D})	
Specific gravity	1.042-1.052 (d _{20/20})	1.048-1.054 (d _{25/25})	
Acid value (NMT)	2.0	1	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR : 1 MS : 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