

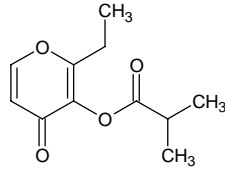
ethyl maltol isobutyrate

エチル マルトール イソブチレート

Formula C₁₁H₁₄O₄

Mol. Wt. 210.23

CAS No. 852997-28-5



SEQ No. 929 エステル類

FEMA No. 4534

JECFA No.

	JFFMA	JECFA	FCC
Chemical name	ethyl maltol isobutyrate		
Content (NLT)	98.0 % (GC)		
Refractive index	1.493-1.499 (n _{20D})		
Specific gravity	1.118-1.124 (d _{20/20})		
Acid value (NMT)	2.0		
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol			
Other requirements			
Identification*	IR :3		
	MS :3		
	NMR :3		

*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 SDDBS(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