

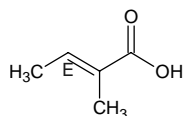
# tiglic acid

## チグリック アシド

Formula C<sub>5</sub>H<sub>8</sub>O<sub>2</sub>

Mol. Wt. 100.12

CAS No. 80-59-1



SEQ No. 2392 脂肪酸類

FEMA No. 3599

JECFA No. 1205

	JFFMA	JECFA	FCC
Chemical name	tiglic acid	trans-2-Methyl-2-butenoic acid	
Content (NLT)	98.0 % (GC)	99 %	
Refractive index			
Specific gravity			
Acid value (NMT)			
Melting/Congeeing point	MP: 61 to 65°C	MP: 61 to 67°C	
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		soluble	
Other requirements			
Identification*	IR :3,6 MS :1,3,4,5 NMR :3,6	MS	

### \*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