

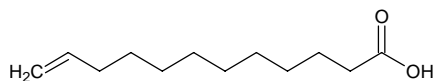
# 11-dodecenoic acid

## 11-ドデセノイック アシド

Formula C<sub>12</sub>H<sub>22</sub>O<sub>2</sub>

Mol. Wt. 198.30

CAS No. 65423-25-8



SEQ No. 2767 脂肪酸類

FEMA No. 4355

JECFA No. 1635

	JFFMA	JECFA	FCC
Chemical name	11-dodecenoic acid	11-Dodecenoic acid	
Content (NLT)	95.0 % (GC)	95 %	
Refractive index	1.447-1.457 (n <sub>20D</sub> )	1.447-1.457 (n <sub>20D</sub> )	
Specific gravity	0.905-0.915 (d <sub>20/20</sub> )	0.890-0.897 (d <sub>25/25</sub> )	
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Soluble	
Other requirements			
Identification*	IR :3 MS :1,3 NMR :3	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