

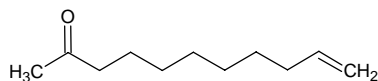
# 10-undecen-2-one

## 10-ウンデセン-2-オン

Formula C<sub>10</sub>H<sub>20</sub>O

Mol. Wt. 156.27

CAS No. 36219-73-5



SEQ No. 2724 ケトン類

FEMA No. 4406

JECFA No. 1849

	JFFMA	JECFA	FCC
Chemical name	10-undecen-2-one	10-Undecen-2-one	
Content (NLT)	90.0 % (GC)	98 %	
Refractive index	1.437-1.442 (n <sub>20D</sub> )	1.440-1.441 (n <sub>20D</sub> )	
Specific gravity	0.840-0.850 (d <sub>20/20</sub> )	0.843-0.847 (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 : MS :1,4 NMR :	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