

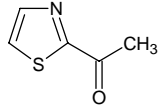
2-acetylthiazole

2-アセチルチアゾール

Formula C₅H₅NOS

Mol. Wt. 127.16

CAS No. 24295-03-2



SEQ No. 83 ケトン類

FEMA No. 3328

JECFA No. 1041

	JFFMA	JECFA	FCC
Chemical name	2-acetylthiazole	2-Acetylthiazole	2-Acetyl Thiazole
Content (NLT)	98.0 % (GC)	97 %	98.0 % GC(M-1b)
Refractive index	1.542-1.552 (n _{20D})	1.543-1.550 (n _{20D})	1.542-1.552 (n _{20D})
Specific gravity	1.220-1.230 (d _{20/20})	1.225-1.229 (d _{25/25})	1.219-1.226 (d _{25/25})
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Miscible at room temperature	1 mL in 1 mL 95% ethanol
Other requirements			
Identification*	IR :2,6 MS :3,4,5 NMR :1	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