

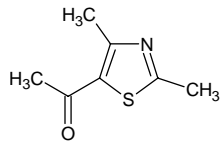
5-acetyl-2,4-dimethylthiazole

5-アセチル-2,4-ジメチルチアゾール

Formula C₇H₉NOS

Mol. Wt. 155.22

CAS No. 38205-60-6



SEQ No. 62 ケトン類

FEMA No. 3267

JECFA No. 1055

	JFFMA	JECFA	FCC
Chemical name	5-acetyl-2,4-dimethylthiazole	2,4-dimethyl-5-acetylthiazole	
Content (NLT)	96.0 % (GC)	97 %	
Refractive index	1.535-1.545 (n _{20D})	1.536-1.547 (n _{20D})	
Specific gravity	1.149-1.159 (d _{20/20})	1.147-1.152 (d _{25/25})	
Acid value (NMT)			
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		Miscible at room temperature	
Other requirements			
Identification*	IR :3,5 MS :3,4,5 NMR :1,3	NMR	

*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