

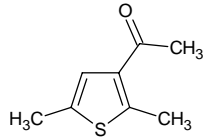
3-acetyl-2,5-dimethylthiophene

3-アセチル-2,5-ジメチルチオフェン

Formula C₈H₁₀OS

Mol. Wt. 154.23

CAS No. 2530-10-1



SEQ No. 64 ケトン類

FEMA No. 3527

JECFA No. 1051

	JFFMA	JECFA	FCC
Chemical name	3-acetyl-2,5-dimethylthiophene	3-Acetyl-2,5-dimethylthiophene	
Content (NLT)	98.0 % (GC)	96 %	
Refractive index	1.541-1.548 (n _{20D})	1.541-1.548 (n _{20D})	
Specific gravity	1.095-1.105 (d _{20/20})	1.084-1.088 (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 : MS : 4,5 NMR : 1,6	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