

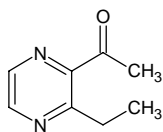
2-acetyl-3-ethylpyrazine

2-アセチル-3-エチルピラジン

Formula C₈H₁₀N₂O

Mol. Wt. 150.18

CAS No. 32974-92-8



SEQ No. 69 ケトン類

FEMA No. 3250

JECFA No. 785

	JFFMA	JECFA	FCC
Chemical name	2-acetyl-3-ethylpyrazine	Acetyl-3-ethylpyrazine	
Content (NLT)	97.0 % (GC)	98 %	
Refractive index	1.509-1.518 (n _{20D})	1.509-1.520 (n _{20D})	
Specific gravity	1.070-1.080 (d _{20/20})	1.068-1.079 (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 : 1,5,6 MS : 4,5 NMR : 6	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