

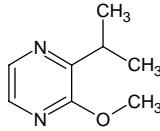
2-isopropyl-3-methoxypyrazine

2-イソプロピル-3-メキシピラジン

Formula C₈H₁₂N₂O

Mol. Wt.

CAS No. 25773-40-4



SEQ No. 1561 エーテル類

FEMA No. 3358

JECFA No. 790

	JFFMA	JECFA	FCC
Chemical name	2-isopropyl-3-methoxypyrazine	2-Methoxy-(3,5 or 6)-isopropylpyrazine	2-Methoxy 3-(or 5- or 6-)Isopropyl Pyrazine
Content (NLT)	96.0 % (GC)	97 % sum of isomers	97.0 % sum of three isomers /GC(M-1b)
Refractive index	1.490-1.500 (n _{20D})	1.492-1.499 (n _{20D})	1.492-1.499 (n _{20D})
Specific gravity	1.009-1.019 (d _{20/20})	1.010-1.022 (d _{25/25})	1.010-1.022 (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 : 1,2,3 MS : 3,4,5 NMR :	IR	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