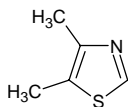


4,5-dimethylthiazole

4,5-ジメチルチアゾール

Formula C₅H₇NS

Mol. Wt. 113.18



CAS No. 3581-91-7

SEQ No. 674 チオエーテル類

FEMA No. 3274

JECFA No. 1035

	JFFMA	JECFA	FCC
Chemical name	4,5-dimethylthiazole	4,5-Dimethylthiazole	
Content (NLT)	97.0 % (GC)	97 %	
Refractive index	1.515-1.525 (n _{20D})	1.516-1.524 (n _{20D})	
Specific gravity	1.065-1.075 (d _{20/20})	1.067-1.072 (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 :3,6 MS :3,4,5 NMR :1,3,6	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