

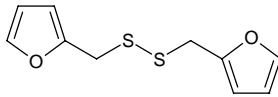
# difurfuryl disulfide

## ジフルフリル ジスルフィド

Formula C<sub>10</sub>H<sub>10</sub>O<sub>2</sub>S<sub>2</sub>

Mol. Wt. 226.32

CAS No. 4437-20-1



SEQ No. 559 チオエーテル類

FEMA No. 3146

JECFA No. 1081

	JFFMA	JECFA	FCC
Chemical name	difurfuryl disulfide	2,2'-(Dithiodimethylene) difuran	
Content (NLT)	95.0 % (GC)	96 %	
Refractive index	1.582-1.600 (n <sub>20D</sub> )	1.585-1.598 (n <sub>20D</sub> )	
Specific gravity	1.230-1.250 (d <sub>20/20</sub> )	1.229-1.248 (d <sub>25/25</sub> )	
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