

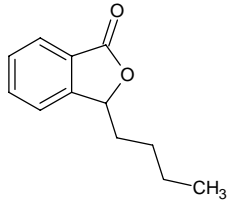
3-butylphthalide

3-ブチルフタリド

Formula C₁₂H₁₄O₂

Mol. Wt. 190.24

CAS No. 6066-49-5



SEQ No. ラクトン類

FEMA No. 3334

JECFA No. 1169

	JFFMA	JECFA	FCC
Chemical name	3-butylphthalide	3-n-Butylphthalide	
Content (NLT)	95.0 % (GC)	97 %	
Refractive index	1.521-1.531 (n _{20D})	1.524-1.529 (n _{20D})	
Specific gravity	1.068-1.078 (d _{20/20})	1.068-1.074 (d _{25/25})	
Acid value (NMT)	10.0	1	
Melting/Congeealing point			
Angular/Specific rotation			
Heavy metals (NMT)			
Solubility in ethanol		soluble	
Other requirements			
Identification*	IR :1 MS :4 NMR :1	IR 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