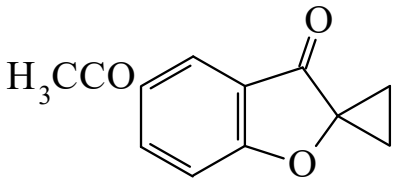
>>**Entry Name: Spizofurone,** INN, JAN
Synonym(s): 5-Acetylspiro[benzofuran-2(3*H*),1'-cyclopropan]-3-one, 9CI. Maon. AG 629



CAS Registry Number: 72492-12-7

Molecular Formula: $C_{12}H_{10}O_3$
Molecular Weight: 202.209
Accurate Mass: 202.062995
Percentage Composition: C 71.28%; H 4.98%; O 23.74%
Use/Importance: Cytoprotective antiulcerogenic agent
Physical Description: Cryst. (EtOH)
Development Status: No longer marketed. Withdrawn in Japan (1989) due to hepatic effects in long-term animal studies
Melting Point: Mp 106-107°
Calculated Log P Data: Log P 1.19 (calc)
Hazard & Toxicity: LD_{50} (rat, orl) 5440 mg/kg. LD_{50} (rat, ipr) 609 mg/kg

References:

Watanabe, M. *et al.*, *Chem. Pharm. Bull.*, 1984, **32**, 3373; 3532, *(synth, pharmacol)*
Inatomi, N. *et al.*, *Arzneim.-Forsch.*, 1985, **35**, 1553, *(pharmacol)*
Inatomi, N. *et al.*, *Eur. J. Pharmacol.*, 1985, **110**, 343; **112**, 81, *(pharmacol)*
Felman, S.W. *et al.*, *J. Med. Chem.*, 1992, **35**, 1183, *(sar)*