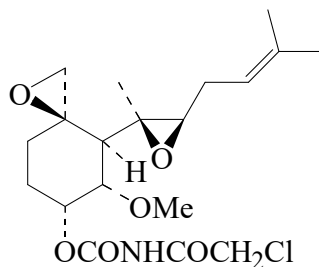




>>Entry Name: 5-Methoxy-4-[2-methyl-3-(3-methyl-2-butenyl)oxiranyl]-1-oxaspiro[2.5]oct-6-yl chloroacetylcarbamate, 9Cl

Synonym(s): 6-O-Chloroacetylcarbamoylfumagillol. AGM 1470. TNP 470



CAS Registry Number: 129298-91-5

Related CAS Registry Numbers(s): 132746-81-7

Molecular Formula: C₁₉H₂₈ClNO₆

Molecular Weight: 401.886

Accurate Mass: 401.160516

Percentage Composition: C 56.78%; H 7.02%; Cl 8.82%; N 3.49%; O 23.89%

Biological Use/Importance: Antiangiogenesis agent. Potentially useful for the treatment of tumours

Physical Description: Amorph. powder

Optical Rotation: $[\alpha]_D^{24} -46.6$ (c, 0.44 in CHCl₃)

Other Data: Analogue of Fumagillin [HJP28-S](#)

References:

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Marui, S. *et al.*, *Chem. Pharm. Bull.*, 1992, **40**, 96-101; 1995, **43**, 588-593, (*synth, analogue, ir, pmr, ms*)

Cretton-Scott, E. *et al.*, *Cancer Chemother. Pharmacol.*, 1996, **38**, 117-122, (*metab, pharmacokinet*)

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