



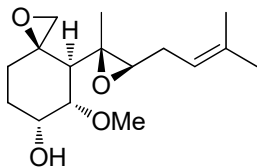
Certificate of Analysis

Compound Name:

(3R,4S,5S,6R)-5-methoxy-4-((2R,3R)-2-methyl-3-(3-methylbut-2-en-1-yl)oxiran-2-yl)-1-oxaspiro
[2.5]octan-6-ol

Fumagillol

Structure:



Chemical Formula: C₁₆H₂₆O₄

Molecular Weight: 282.375

CAS # **108102-51-8**

Cat # JR6-L3046

Lot # JL-12083

Appearance: Clear light yellow oil, solidify after standing.

Specific Optical Rotation: $[\alpha]_D^{25} = -56.85^\circ$ (*c* 0.77, EtOH, Wavlen: 589.3 nm)

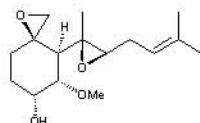
TLC: $R_f = 0.18$, EtOAc/Hexanes = 1/1, visualization with *p*-anisaldehyde

¹H NMR purity, 96+% (¹H NMR attached)

JL-11022F2

expl Proton

SAMPLE		SPECIAL	
date	Sep 30 2013	temp	25.0
solvent	cdc13	gain	not used
file	exp	spin	not used
ACQUISITION		hst	0.008
sw	8012.8	pw90	10.800
at	2.049	alfa	6.600
np	32830	FLAGS	
fb	4000	il	n
bs	32	in	n
ss	2	dp	y
d1	1.000	hs	nn
nt	4	PROCESSING	
ct	4	lb	0.20
TRANSMITTER		fn	65536
tn	H1	DISPLAY	
sfrq	499.918	sp	-2.7
tof	499.9	wp	5000.7
tpwr	61	rfl	978.6
pw	5.400	rfp	0
DECOUPLER		rp	63.0
dn	C13	lp	4.3
dof	0	PLOT	
dm	nnn	wc	250
dmm	c	sc	0
dpwr	37	vs	257
dmf	32258	th	3
	ai	cdc	ph



Fumagillol
C₁₆H₂₆O₄
MW: 282.38
JR MediChem

