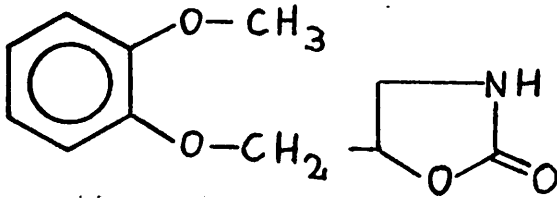


Mephenoxalone, Control-OM^R



5-(o-Methoxyphenoxy)methyl-2-oxazolidinon

C₁₁H₁₃NO₄

MG 223,23

Schmp.: 143 - 145° C

Extraktion: aus saurer Lösung mit Chloroform

DC: LM (Chloroform-Methanol-Ammoniak 25 % 90:10:1) Rf 74
(Methanol-Ammoniak 100:1,5) Rf 80

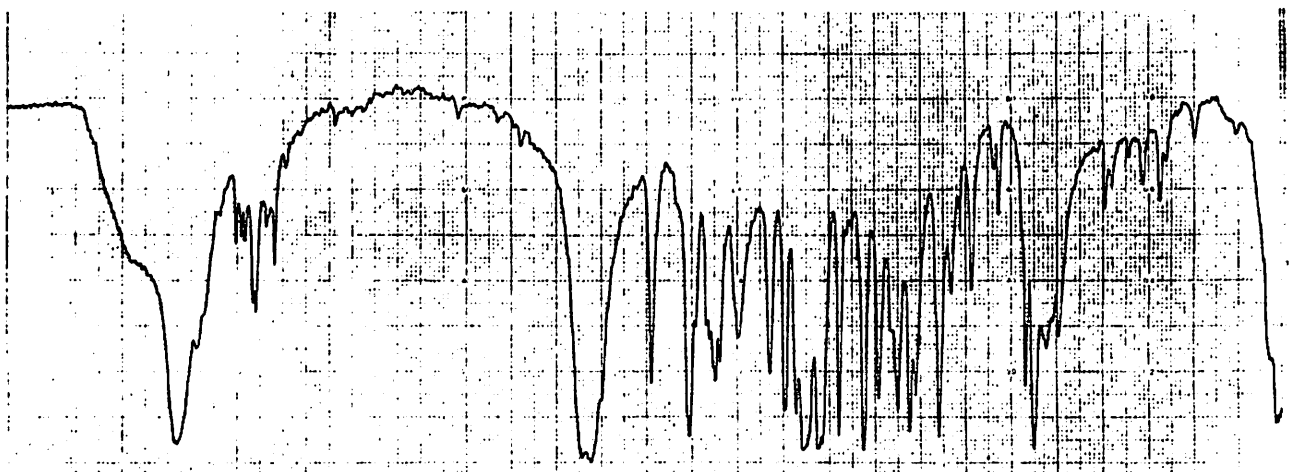
Detektion: Jodoplatinat; hellbraun mit weißem Rand

Dragendorff: gelb

Fe Cl₃ (5 % in H₂O) : 10 E : violett

UV: Methanol Max. 275 nm
0,1 M H₂SO₄ Max. 273 nm
220 nm

IR (KBr): 3260, 3010, 2988, 2970, 2932, 2918, 2840, 1735, 1720, 1600, 1585 und 1500 cm⁻¹



Mephenoxalone (100%)

URgr

PERKIN ELMER

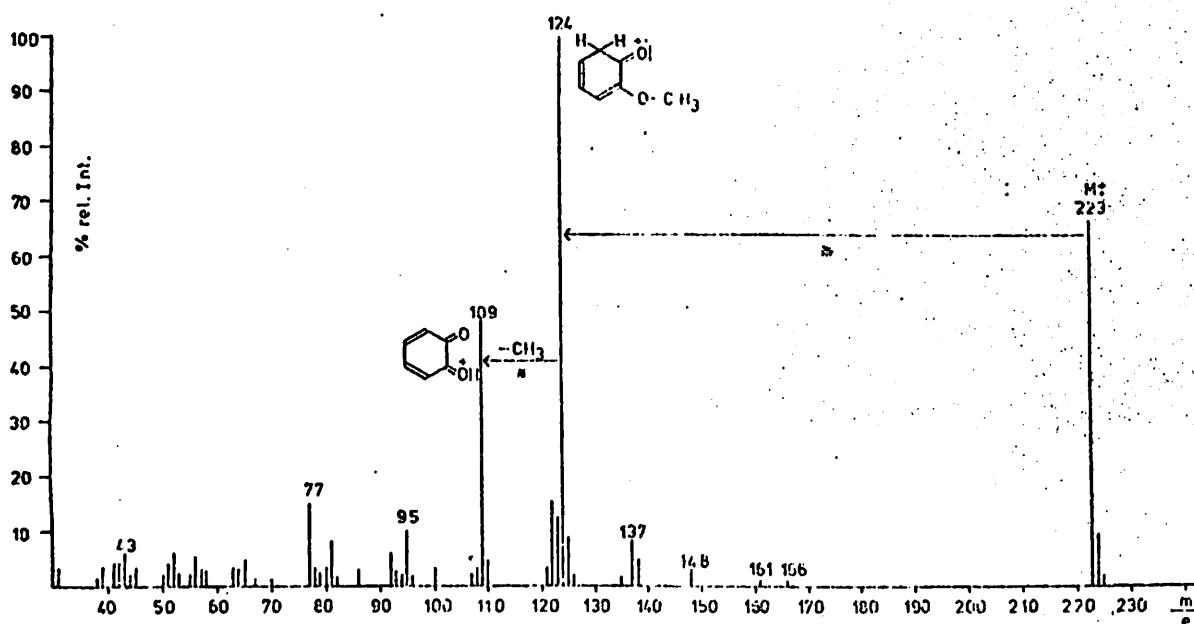
Dosierung: 1500 mg/d

Biotransformation: s. J. Clin. Chem. Clin. Biochem. Vol. 15, 1977 115

MS: (Direkteinlaß)

MP = 223, BP = 124

43	8 %	124	100 %
77	15 %	137	8 %
95	10 %	148	4 %
109	48 %	223	65 %



GIELSDORF 1979