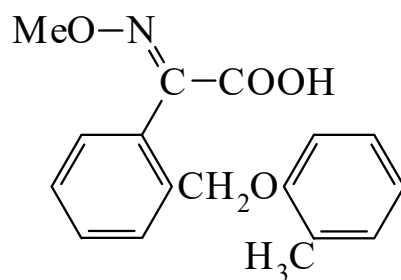




>>Entry Name:  $\alpha$ -(Methoxyimino)-2-[(2-methylphenoxy)methyl]benzeneacetic acid, 9CI

Synonym(s): Methoximino[ $\alpha$ -(*o*-tolylloxy)-*o*-tolyl]acetic acid



CAS Registry Number: 137169-29-0

Molecular Formula:  $C_{17}H_{17}NO_4$

Molecular Weight: 299.326

Accurate Mass: 299.115759

Percentage Composition: C 68.22%; H 5.72%; N 4.68%; O 21.38%

>>Variant: (*E*)-form

Molecular Formula:  $C_{17}H_{17}NO_4$

Molecular Weight: 299.326

Accurate Mass: 299.115759

Percentage Composition: C 68.22%; H 5.72%; N 4.68%; O 21.38%

>>Derivative: Me ester

Synonym(s): Kresoxime-methyl. BAS 490F

CAS Registry Number: 143390-89-0

Extra CAS Registry Numbers(s): 144167-04-4

Molecular Formula:  $C_{18}H_{19}NO_4$

Molecular Weight: 313.352

Accurate Mass: 313.131409

Percentage Composition: C 69.00%; H 6.11%; N 4.47%; O 20.42%

Use/Importance: Broad-spectrum fungicide

Melting Point: Mp 97-98°

Other Data: Analogue of Strobilurin A [CJM96-T](#)

#### References:

- Ammermann, E. *et al.*, *Brighton Crop Prot. Conf. - Pests Dis.*, 1992, 403, (*kresoxime methyl*, activity)  
*Ger. Pat.*, 1992, *BASF*, 4 042 272; *CA*, **117**, 170986e, (*kresoxime methyl*, synth)  
Koehle, H. *et al.*, *Biochem. Soc. Trans.*, 1994, **22**, 655, (*kresoxime methyl*)  
Gold, R.E. *et al.*, *Pestic. Sci.*, 1995, **43**, 250, (*kresoxime methyl*)  
*Pesticide Manual*, 11th edn., 1997, No. 439