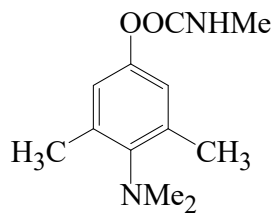




>>Entry Name: 4-(Dimethylamino)-3,5-dimethylphenyl methylcarbamate, 9Cl

Synonym(s): 4-(Dimethylamino)-3,5-xylyl methylcarbamate, 8Cl. Mexacarbate. Zectron™



CAS Registry Number: 315-18-4

Molecular Formula: C₁₂H₁₈N₂O₂

Molecular Weight: 222.286

Accurate Mass: 222.136828

Percentage Composition: C 64.84%; H 8.16%; N 12.60%; O 14.40%

Use/Importance: Insecticide. Has been used principally to control forest caterpillar pests. Now superseded

Melting Point: Mp 85°

References:

Lemin, A.J. *et al.*, *J. Agric. Food Chem.*, 1965, **13**, 214-218, (*synth, biochem*)

Roberts, R.B. *et al.*, *J. Agric. Food Chem.*, 1969, **17**, 107-111, (*metab*)

Keith, L.H. *et al.*, *J. Assoc. Off. Anal. Chem.*, 1970, **53**, 157-179, (*pmr*)

Rankin, P.C. *et al.*, *J. Assoc. Off. Anal. Chem.*, 1971, **54**, 1340-1348, (*ms*)

Pesticide Manual, 11th edn., 1997, No. 1176, (*props*)