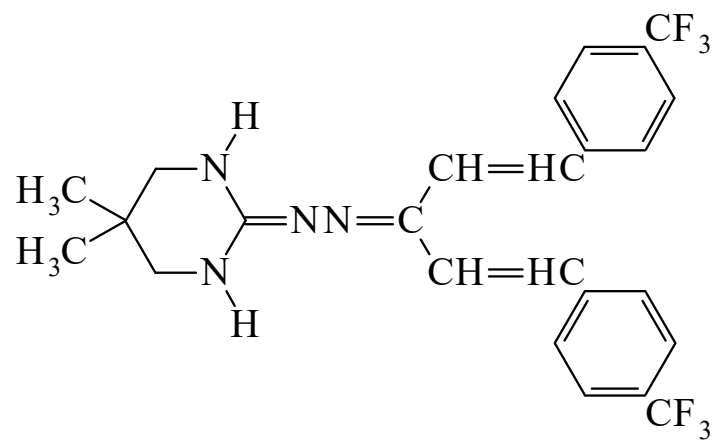




>>Entry Name: Hydramethylnon, ANSI, BSI

Synonym(s): Tetrahydro-5,5-dimethyl-2(1*H*)-pyrimidinone [3-[4-(trifluoromethyl)phenyl]-1-[2-[4-(trifluoromethyl)phenyl]ethenyl]-2-propenylidene]hydrazone, 9CI. 5,5-Dimethylperhydropyrimidin-2-one 4-trifluoromethyl- α -(4-trifluoromethylstyryl)cinnamylidenehydrazone. Amdro. Combat. Maxforce. AC 217300. CL 217300



CAS Registry Number: 67485-29-4

Molecular Formula: C₂₅H₂₄F₆N₄

Molecular Weight: 494.482

Accurate Mass: 494.190514

Percentage Composition: C 60.73%; H 4.89%; F 23.05%; N 11.33%

Use/Importance: Insecticide

Physical Description: Yellow to orange cryst.

Melting Point: Mp 185-190°

Hazard & Toxicity: LD₅₀ (rat, orl) 1131 mg/kg

References:

U.S. Pat., 1978, 4 087 525; *CA*, **90**, 17687k, (*synth, activity*)

Stout, S.J. *et al.*, *J. Assoc. Off. Anal. Chem.*, 1985, **68**, 71, (*detn*)

Pesticide Manual, 10th edn., 1994, No. 386