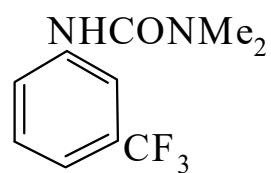




>>Entry Name: *N,N*-Dimethyl-*N'*-[3-(trifluoromethyl)phenyl]urea, 9CI

Synonym(s): 1,1-Dimethyl-3-(α,α,α -trifluoro-*m*-tolyl)urea. Fluometuron, BSI. Cotoran. Pakhtaran



CAS Registry Number: 2164-17-2

Molecular Formula: C₁₀H₁₁F₃N₂O

Molecular Weight: 232.205

Accurate Mass: 232.082347

Percentage Composition: C 51.73%; H 4.77%; F 24.55%; N 12.06%; O 6.89%

Use/Importance: Cotton herbicide

Physical Description: Cryst.

Melting Point: Mp 163-164.5°

Solubility: Sol. most org. solvs.; v. spar. sol. H₂O

Hazard & Toxicity: LD₅₀ (rat, orl) 1450 mg/kg. Exp. tumourigenic data

Rare Chemicals Library: S59926-3

Supelco: R47-1860

References:

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