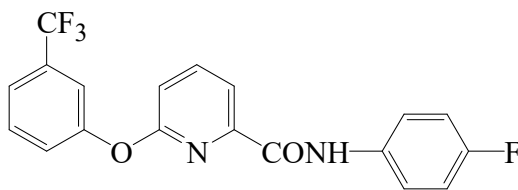




>>Entry Name: Picolinafen, BSI

Synonym(s): *N*-(4-Fluorophenyl)-6-[3-(trifluoromethyl)phenoxy]-2-pyridinecarboxamide, 9CI. 4'-Fluoro-6-[(α,α,α -trifluoro-*m*-tolyl)oxy]picolinanilide. AC 900001. CL 900001. WL 161616



CAS Registry Number: 137641-05-5

Molecular Formula: C₁₉H₁₂F₄N₂O₂

Molecular Weight: 376.31

Accurate Mass: 376.08349

Percentage Composition: C 60.64%; H 3.21%; F 20.19%; N 7.44%; O 8.50%

Biological Use/Importance: Post-emergence herbicide

Physical Description: Solid

Melting Point: Mp 107-108°

Hazard & Toxicity: LD₅₀ (rat, orl) >5000 mg/kg

Other: BASF

References:

Eur. Pat., 1991, 447 004; *CA*, **116**, 128668e, (*synth, activity*)

White, R.H. *et al.*, *Brighton Crop Prot. Conf. - Weeds*, 1999, 47, (*activity*)

Pesticide Manual, 12th edn., 2000, No. 621