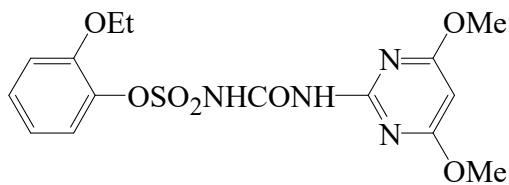




>>Entry Name: Ethoxysulfuron, BSI

Synonym(s): 2-Ethoxyphenyl [[(4,6-dimethoxy-2-pyrimidinyl)amino]carbonyl]sulfamate, 9CI. 1-(4,6-Dimethoxy-2-pyrimidinyl)-3-(2-ethoxyphenoxy-sulfonyl)urea. Hoe 404



CAS Registry Number: 126801-58-9

Molecular Formula: C₁₅H₁₈N₄O₇S

Molecular Weight: 398.396

Accurate Mass: 398.089621

Percentage Composition: C 45.22%; H 4.55%; N 14.06%; O 28.11%; S 8.05%

Biological Use/Importance: Acetolactate synthase inhibitor. Herbicide

Physical Description: Powder

Melting Point: Mp 144-147°

Hazard & Toxicity: LD₅₀ (rat, orl) >3270 mg/kg

Other: Aventis

References:

Eur. Pat., 1989, *Hoechst*, 342 569; *CA*, **112**, 198427s, (*synth, activity*)

Hacker, E. *et al.*, *Brighton Crop Prot. Conf. - Weeds*, 1995, 73-78, (*activity*)

Koecher, H. *et al.*, *Brighton Crop Prot. Conf. - Weeds*, 1995, 249-254; 763-768, (*activity*)

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