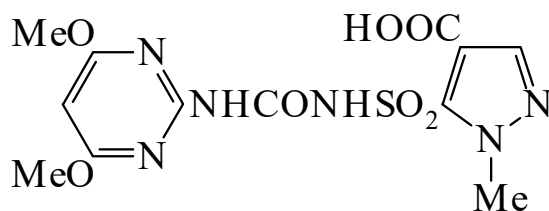




>>Entry Name: Pyrazosulfuron, BSI

Synonym(s): 5-[[[(4,6-Dimethoxy-2-pyrimidinyl)amino]carbonyl]amino]sulfonyl]-1-methyl-1*H*-pyrazole-4-carboxylic acid, 9CI



CAS Registry Number: 98389-04-9

Molecular Formula: C₁₂H₁₄N₆O₇S

Molecular Weight: 386.345

Accurate Mass: 386.064469

Percentage Composition: C 37.31%; H 3.65%; N 21.75%; O 28.99%; S 8.30%

Use/Importance: Herbicide. Branched chain amino acid synth. inhibitor

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

>>Derivative: Et ester

Synonym(s): Pyrazosulfuron-ethyl. Agreen. Sirius

CAS Registry Number: 93697-74-6

Molecular Formula: C₁₄H₁₈N₆O₇S

Molecular Weight: 414.398

Accurate Mass: 414.095769

Percentage Composition: C 40.58%; H 4.38%; N 20.28%; O 27.03%; S 7.74%

Use/Importance: Herbicide

Physical Description: Cryst.

Melting Point: Mp 181-182°

References:

Yamamoto, S. *et al.*, *Nippon Noyaku Gakkaishi*, 1990, **15**, 531; *CA*, **114**, 201647n, (*synth, activity*)

Pesticide Manual, 9th edn., 1991, No. 10353