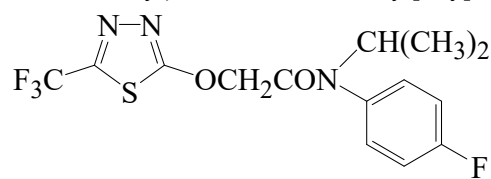




>>Entry Name: Fluthiamide

**Synonym(s):** *N*-(4-Fluorophenyl)-*N*-[1-(methylethyl)]-2-[[5-(trifluoromethyl)-1,3,4-thiadiazol-2-yl]oxy]acetamide, 9CI. Thiadiazolamide. BAY FOE 5043



**CAS Registry Number:** 142459-58-3

**Molecular Formula:** C<sub>14</sub>H<sub>13</sub>F<sub>4</sub>N<sub>3</sub>O<sub>2</sub>S

**Molecular Weight:** 363.335

**Accurate Mass:** 363.066459

**Percentage Composition:** C 46.28%; H 3.61%; F 20.92%; N 11.57%; O 8.81%; S 8.83%

**Use/Importance:** Pre-and early post-emergence herbicide. Inhibits cell division and growth

**Physical Description:** Solid

**Melting Point:** Mp 75-77°

**Hazard & Toxicity:** LD<sub>50</sub> (rat, orl) 589 mg/kg

**Other:** Bayer

**References:**

Deege, R. *et al.*, *Brighton Crop Prot. Conf. - Weeds*, 1995, 43-48, (activity)

Christenson, W.R. *et al.*, *Toxicol. Appl. Pharmacol.*, 1995, **132**, 253-262, (tox)

*Pesticide Manual*, 11th edn., 1997, 51