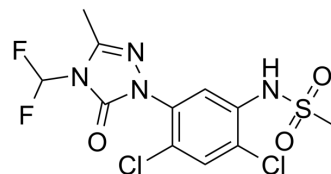


## Sulfentrazone

Cat. No.:	HY-135745
CAS No.:	122836-35-5
Molecular Formula:	C <sub>11</sub> H <sub>10</sub> Cl <sub>2</sub> F <sub>2</sub> N <sub>4</sub> O <sub>3</sub> S
Molecular Weight:	387.19
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Sulfentrazone is a phenyl triazolinone herbicide used for control of certain broadleaf and grass weed species. Sulfentrazone inhibits protoporphyrinogen oxidase, resulting in the disruption of lipid cell membranes <sup>[1]</sup> .
<b>In Vitro</b>	Sulfentrazone persists in soil and has residual activity beyond the season of application. Plants emerging from soil treated with Sulfentrazone absorb the product through the root system and tolerant plants rapidly metabolize Sulfentrazone, whereas sensitive plants die shortly after exposure to light <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Anna M. et al. Development of a Laboratory Bioassay and Effect of Soil Properties on Sulfentrazone Phytotoxicity in Soil, Weed Technology 23(3), 486-491, (1 July 2009).

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA