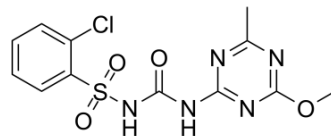


Chlorsulfuron

Cat. No.:	HY-119737
CAS No.:	64902-72-3
Molecular Formula:	C ₁₂ H ₁₂ ClN ₅ O ₄ S
Molecular Weight:	357.77
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Chlorsulfuron blocks the biosynthesis of the amino acids valine and isoleucine in plants. Chlorsulfuron completely alleviates herbicide-induced growth inhibition. The site of action of Chlorsulfuron is the enzyme acetolactate synthase^[1].

REFERENCES

[1]. THOMAS B. RAY, et al. Site of Action of Chlorsulfuron INHIBITION OF VALINE AND ISOLEUCINE BIOSYNTHESIS IN PLANTS. *Plant Physiol.* (1984) 75, 827-831.

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

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