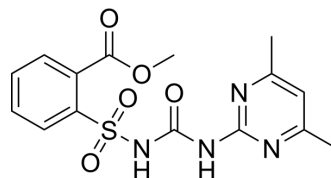


Sulfometuron-methyl

Cat. No.:	HY-B1852
CAS No.:	74222-97-2
Molecular Formula:	C ₁₅ H ₁₆ N ₄ O ₅ S
Molecular Weight:	364.38
Target:	Bacterial; Fungal
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Sulfometuron-methyl is a herbicide and also a powerful inhibitor of the enzyme acetolactate synthase (ALS). It exhibits antibacterial and antifungal activities, capable of inhibiting the activity of *Salmonella typhimurium* ALS II and *Escherichia coli* ALS III^[1].

REFERENCES

[1]. LaRossa RA, et al. *ilvB*-encoded acetolactate synthase is resistant to the herbicide sulfometuron methyl. *J Bacteriol.* 1984;160(1):391-394.

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

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