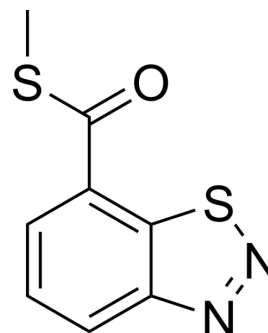


Acibenzolar-S-methyl

Cat. No.:	HY-116541
CAS No.:	135158-54-2
Molecular Formula:	C ₈ H ₆ N ₂ OS ₂
Molecular Weight:	210.28
Target:	Bacterial; Fungal
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Acibenzolar-S-methyl (ASM) is a plant resistance inducer that mimics pathogen-host interactions and leads to systemic acquired resistance in plants. Acibenzolar-S-methyl helps reduce the use of pesticides and can be used in research to prevent plant diseases ^{[1][2]} .
IC ₅₀ & Target	Bacterial, fungal ^{[1][2]} .

REFERENCES

[1]. Cole D L. The efficacy of acibenzolar-S-methyl, an inducer of systemic acquired resistance, against bacterial and fungal diseases of tobacco. *Crop Prot.* 1999, 18(4): 267-273.

[2]. Marolleau B, et al. When a Plant Resistance Inducer Leaves the Lab for the Field: Integrating ASM into Routine Apple Protection Practices. *Front Plant Sci.* 2017 Dec 4;8:1938.

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

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