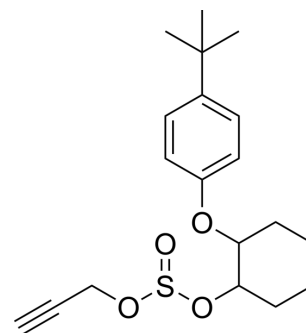


Propargite

Cat. No.:	HY-B2028
CAS No.:	2312-35-8
Molecular Formula:	C ₁₉ H ₂₆ O ₄ S
Molecular Weight:	350.47
Target:	Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Propargite is a pesticide used to kill mites. Propargite induces β -cell necrosis preceded by DNA damage. Propargite induces MIN6 cell death with an IC ₅₀ of 1.1 μ M ^[1] . Propargite is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups.
IC ₅₀ & Target	Mite

REFERENCES

[1]. Ting Zhou, et al. A hPSC-based Platform to Discover Gene-Environment Interactions That Impact Human β -cell and Dopamine Neuron Survival. Nat Commun. 2018 Nov 16;9(1):4815.

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

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