Cryptosporioptide A

Cat. No.:	HY-N12177	
CAS No.:	1647101-05-0	OHN I
Molecular Formula:	C ₁₈ H ₁₇ NO ₁₀	
Molecular Weight:	407.33	
Target:	Phosphatase	но
Pathway:	Metabolic Enzyme/Protease	
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.	

BIOLOGICAL ACTIVITY		
Description	Cryptosporioptide A (Compound 3) is a pigment protein tyrosine phosphatase inhibitor derived from the insect-parasitic fungus Cordyceps gracilioides. Cryptosporioptide A inhibits PTP1B, SHP2, CDC25B, LAR and SHP1 enzymes with IC ₅₀ of 7.3, 5.7, 7.6, >50, 4.9 μg/mL, respectively ^[1] .	

REFERENCES

[1]. Wei PY, et al. Three new pigment protein tyrosine phosphatases inhibitors from the insect parasite fungus Cordyceps gracilioides: terreusinone A, pinophilin C and cryptosporioptide A. Molecules. 2015 Apr 2;20(4):5825-34.

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

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Product Data Sheet

