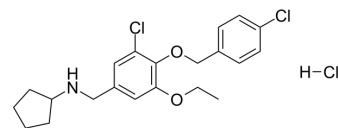


ML358

Cat. No.:	HY-123693
CAS No.:	1158607-44-3
Molecular Formula:	C ₂₁ H ₂₆ Cl ₃ NO ₂
Molecular Weight:	430.8
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	ML358 is a first in class, potent, and selective inhibitor of the SKN-1 pathway (IC ₅₀ =0.24 μM). ML358 sensitizes the model nematode <i>C. elegans</i> to oxidants and anthelmintic. ML358 potentially used as adjuvants to increase the efficacy and useful life of current anthelmintics ^[1] .
IC ₅₀ & Target	IC ₅₀ : 0.24 μM (SKN-1) ^[1]

REFERENCES

[1]. Peddibhotla, S, et al. Discovery of ML358, a Selective Small Molecule Inhibitor of the SKN-1 Pathway Involved in Drug Detoxification and Resistance in Nematodes. ACS Chemical Biology, 10(8), 1871–1879.

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

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