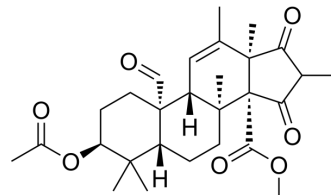


Andrastin A

Cat. No.:	HY-129279
CAS No.:	174232-42-9
Molecular Formula:	C ₂₈ H ₃₈ O ₇
Molecular Weight:	486.6
Target:	Farnesyl Transferase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Andrastin A meroterpenoid compound, is a farnesyltransferase inhibitor. Andrastin A inhibits the efflux of anticancer compounds from multidrug-resistant cancer cells. Andrastin A can be isolated from *Penicillium* species^{[1][2]}.

REFERENCES

- [1]. Nielsen KF, et al. Andrastins A-D, *Penicillium roqueforti* Metabolites consistently produced in blue-mold-ripened cheese. *J Agric Food Chem*. 2005 Apr 20;53(8):2908-13.
- [2]. Rojas-Aedo JF, et al. The Biosynthetic Gene Cluster for Andrastin A in *Penicillium roqueforti*. *Front Microbiol*. 2017 May 5;8:813.

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

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