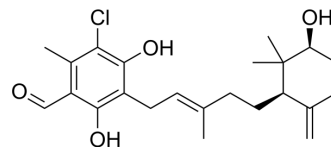


## Ascochlorin A

Cat. No.:	HY-139632
CAS No.:	2550720-02-8
Molecular Formula:	C <sub>23</sub> H <sub>31</sub> ClO <sub>4</sub>
Molecular Weight:	406.94
Target:	Dihydroorotate Dehydrogenase; DNA/RNA Synthesis
Pathway:	Metabolic Enzyme/Protease; Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Ascochlorin A is a novel and potent hDHODH inhibitor ( $K_D = 3.29 \mu\text{M}$ ) for research of triple-negative breast cancer.

### REFERENCES

[1]. Luo X, et al. Exploring Marine-Derived Ascochlorins as Novel Human Dihydroorotate Dehydrogenase Inhibitors for Treatment of Triple-Negative Breast Cancer. *J Med Chem.* 2021 Sep 23;64(18):13918-13932.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA