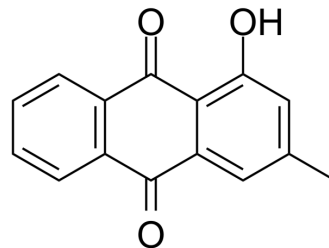


## Pachybasin

Cat. No.:	HY-N7307
CAS No.:	2549-78-2
Molecular Formula:	C <sub>15</sub> H <sub>10</sub> O <sub>3</sub>
Molecular Weight:	238.24
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Pachybasin is a major metabolite from culture broth of endophytic coelomyceteous AFKR-18 fungus. Pachybasin shows antimicrobial activities against *E. coli*, *B. subtilis*, *M. luteus*, *S. cerevisiae*, *C. albicans*, *A. niger*, and *A. flavus*, with MIC values of 64.0 µg/mL, and against *S. aureus* and *F. oxysporum* with MIC values of 32.0 and 16.0 µg/mL respectively<sup>[1]</sup>.

### REFERENCES

[1]. DEWIWULANSARI, et al. Pachybasin, a Major Metabolite from Culture Broth of Endophytic Coelomyceteous AFKR-18 Fungus isolated from a Yellow Moonseed Plant, *Arcangelisia flava* (L.) Merr.

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

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