



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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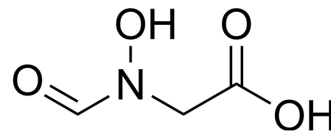
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## Hadacidin

Cat. No.:	HY-126055
CAS No.:	689-13-4
Molecular Formula:	C <sub>3</sub> H <sub>5</sub> NO <sub>4</sub>
Molecular Weight:	119.08
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Hadacidin is a competitive inhibitor of adenylyate synthase. Hadacidin binds to the active site of adenylyate synthase, competitively inhibiting L-aspartate binding. Hadacidin can be used in drug design, to help develop new inhibitors or activators to regulate adenylyate synthase activity, and to play a role in the study of related diseases<sup>[1]</sup>.

### REFERENCES

[1]. Z Hou, et al. IMP alone organizes the active site of adenylosuccinate synthetase from Escherichia coli. *Journal of Biological Chemistry* 277.8 (2002): 5970-5976.

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

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