



# 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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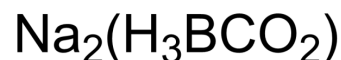
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## CORM-A1

|                    |                                                                                           |
|--------------------|-------------------------------------------------------------------------------------------|
| Cat. No.:          | HY-W782399                                                                                |
| CAS No.:           | 17363-08-5                                                                                |
| Molecular Formula: | CH <sub>3</sub> BNa <sub>2</sub> O <sub>2</sub>                                           |
| Molecular Weight:  | 103.82                                                                                    |
| Target:            | Others                                                                                    |
| Pathway:           | Others                                                                                    |
| Storage:           | Please store the product under the recommended conditions in the Certificate of Analysis. |



### BIOLOGICAL ACTIVITY

#### Description

CORM-A1 (Sodium boranocarbonate) is a water-soluble carbon monoxide (CO) releasing molecule that facilitates the investigation of CO's impact on cellular systems. As CO is generated from heme degradation by the enzyme heme oxygenase, it serves as a crucial gaseous signaling mediator in mammalian cells. CORM-A1 not only exhibits anti-oxidant and anti-inflammatory properties but also regulates CO release in a manner dependent on pH and temperature, promoting mild vasorelaxation and hypotension. Furthermore, CORM-A1 has been shown to provide cytoprotection in primary cultures of astrocytes under oxidative stress while also enhancing autophagy due to its boron-containing composition.

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

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