



# 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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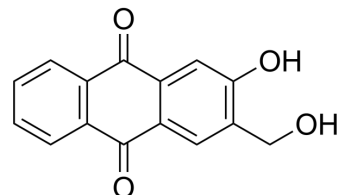
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## 2-Hydroxymethyl-3-hydroxyanthraquinone

Cat. No.:	HY-N8789
CAS No.:	68243-30-1
Molecular Formula:	C <sub>15</sub> H <sub>10</sub> O <sub>4</sub>
Molecular Weight:	254.24
Target:	Phosphatase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	2-Hydroxymethyl-3-hydroxyanthraquinone is an antiosteoporotic compound that inhibits osteoclastic tartrate-resistant acid phosphatase (TRAP) activity <sup>[1]</sup> .
IC <sub>50</sub> & Target	TRAP <sup>[1]</sup>
In Vitro	2-Hydroxymethyl-3-hydroxyanthraquinone (0.1-10 μM; 48 h) dose-dependently inhibits osteoclastic TRAP activity, and reduces osteoclastic bone resorption pit area on bone slices <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Wu YB, et al. Antiosteoporotic activity of anthraquinones from *Morinda officinalis* on osteoblasts and osteoclasts. *Molecules*. 2009 Jan 23;14(1):573-83.

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

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