



# 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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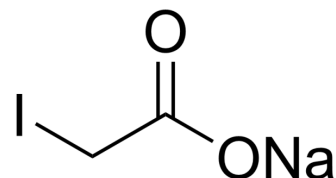
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## Sodium iodoacetate

<b>Cat. No.:</b>	HY-D0849
<b>CAS No.:</b>	305-53-3
<b>Molecular Formula:</b>	C <sub>2</sub> H <sub>2</sub> INaO <sub>2</sub>
<b>Molecular Weight:</b>	207.93
<b>Target:</b>	Biochemical Assay Reagents
<b>Pathway:</b>	Others
<b>Storage:</b>	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 100 mg/mL (480.93 mM; Need ultrasonic)  
 H<sub>2</sub>O : ≥ 100 mg/mL (480.93 mM)  
 \* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	4.8093 mL	24.0466 mL	48.0931 mL
	5 mM	0.9619 mL	4.8093 mL	9.6186 mL
	10 mM	0.4809 mL	2.4047 mL	4.8093 mL

Please refer to the solubility information to select the appropriate solvent.

#### In Vivo

1. Add each solvent one by one: Saline  
 Solubility: ≥ 100 mg/mL (480.93 mM); Clear solution

### BIOLOGICAL ACTIVITY

#### Description

Sodium iodoacetate is a specific inhibitor of GAPDH. Sodium iodoacetate can induce articular cartilage damage (OA)<sup>[1][2]</sup>.

### REFERENCES

[1]. Xu, Y. et al. Glycolysis in Innate Immune Cells Contributes to Autoimmunity. *Frontiers in Immunology*, 13.

[2]. Na, H. et al. Soluble CCR2 gene therapy controls joint inflammation, cartilage damage, and the progression of osteoarthritis by targeting MCP-1 in a monosodium iodoacetate (MIA)-induced OA rat model. *Journal of Translational Medicine*, 20(1)

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

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