



# 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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

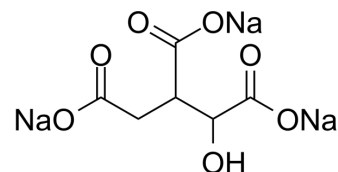
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## DL-Isocitric acid trisodium salt

|                           |  |
|---------------------------|--|
| <b>Cat. No.:</b>          | HY-W009362   |
| <b>CAS No.:</b>           | 1637-73-6  |
| <b>Molecular Formula:</b> | C <sub>6</sub> H <sub>5</sub> Na <sub>3</sub> O <sub>7</sub>   |
| <b>Molecular Weight:</b>  | 258.07   |
| <b>Target:</b>            | Endogenous Metabolite  |
| <b>Pathway:</b>           | Metabolic Enzyme/Protease  |
| <b>Storage:</b>           | 4°C, sealed storage, away from moisture<br>* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture) |



### SOLVENT & SOLUBILITY

|                                  |   |                      |              |             |
|----------------------------------|---|----------------------|--------------|-------------|
| <b>In Vitro</b>                  | H <sub>2</sub> O : 100 mg/mL (387.49 mM; Need ultrasonic)   |                      |              |             |
|                                  | DMSO : < 1 mg/mL (ultrasonic) (insoluble or slightly soluble)   |                      |              |             |
|                                  |   | <b>Solvent</b>       | <b>Mass</b>  |             |
|                                  |   | <b>Concentration</b> | <b>1 mg</b>  | <b>5 mg</b> |
|                                  |   |                      | <b>10 mg</b> |             |
| <b>Preparing Stock Solutions</b> | <b>1 mM</b>   | 3.8749 mL            | 19.3746 mL   | 38.7492 mL  |
|                                  | <b>5 mM</b>   | 0.7750 mL            | 3.8749 mL    | 7.7498 mL   |
|                                  | <b>10 mM</b>  | 0.3875 mL            | 1.9375 mL    | 3.8749 mL   |
|                                  | Please refer to the solubility information to select the appropriate solvent.                             |                      |              |             |
| <b>In Vivo</b>                   | 1. Add each solvent one by one: PBS<br>Solubility: 100 mg/mL (387.49 mM); Clear solution; Need ultrasonic |                      |              |             |

### BIOLOGICAL ACTIVITY

|                    |  |
|--------------------|--|
| <b>Description</b> | DL-Isocitric acid trisodium salt is an endogenous metabolite. DL-Isocitric acid trisodium salt is a substrate in the citric acid cycle. DL-Isocitric acid trisodium salt can be used as a marker for determining the composition of isocitrates in fruit products, including fruit juices. |
|--------------------|--|

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA