



# 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) 

## Kynurenic acid sodium salt: sc-358835

## MATERIAL SAFETY DATA SHEET

**1. COMPOSITION/INFORMATION ON INGREDIENTS**

Product Name: Kynurenic acid sodium salt  
 Catalog Number: sc-358835  
 Chemical Name: 4-Hydroxyquinoline-2-carboxylic acid sodium salt  
 Supplier: Santa Cruz Biotechnology, Inc.  
 2145 Delaware Ave.  
 Santa Cruz, California 95060  
 800.457.3801 or 831.457.3800  
 Emergency: ChemWatch  
 Within the US & Canada: 877-715-9305  
 Outside the US & Canada: +800 2436 2255  
 (1-800-CHEMCALL) or call +613 9573 3112

**2. PHYSICAL AND CHEMICAL PROPERTIES**

CAS Number: 492-27-3 (non-salt)  
 Formula:  $C_{10}H_6NO_3 \cdot Na$   
 Molecular Weight: 211.15  
 Form: Solid

**3. HANDLING AND STORAGE**

Use in a chemical fume hood, with air supplied by an independent system. Avoid inhalation, contact with eyes, skin and clothing. Avoid prolonged or repeated exposure. Store at room temperature.

**4. STABILITY AND REACTIVITY**

Stability: Stable under normal handling conditions.  
 Conditions to avoid: Not applicable for this product  
 Hazardous Combustion/Decomposition of Product: May emit toxic gases such as carbon dioxide, carbon monoxide and nitrogen oxide upon thermal decomposition.

**5. HAZARDS IDENTIFICATION**

RTECS substance category: Drug Exposure may cause irritation to eyes, mucous membranes, upper respiratory tract and skin. Exposure may also cause: Analgesia; Anticonvulsant; Change in motor activity

**6. TOXICOLOGICAL INFORMATION**

To the best of our knowledge, the chemical, physical and toxicological properties have not been fully investigated.

Only selected Registry of Toxic Effects of Chemical Substances (RTECS) data is presented above. See actual entry in RTECS for complete information.

RTECS No: VB2080000 (Kynurenic acid)  
 Target Organs: Eyes; Respiratory system; Skin; CNS  
 Toxicity Data: Data for Kynurenic acid: ISP-RAT  
 TDLo: 120µg/kg; IPRMUS  
 TDLo: 40mg/kg; ICE-MUS TDLo: 10.9µg/kg; ICERAT  
 TDLo: 29.1mg/kg

**7. REGULATORY INFORMATION**

Classification: Caution: Substance not yet fully tested.  
 Safety Phrases: S22 - Do not breathe dust  
 S24/25 - Avoid contact with skin and eyes  
 S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection  
 Risk Phrases: -

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Wear appropriate chemical resistant gloves, safety goggles and other protective clothing to prevent contact with eyes and skin. Laboratory should be equipped with a safety shower and eye wash station. Avoid prolonged or repeated exposure. Do not breathe dust. Do not get in eyes, on skin or on clothing. Wash thoroughly after handling.

**9. FIRST-AID MEASURES**

In cases of SKIN CONTACT: Wash with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes and wash before wearing.  
 In case of EYE CONTACT: Flush with copious amounts of water for at least 15 minutes.  
 In cases of INHALATION: Remove to fresh air and monitor breathing. If breathing becomes difficult, give oxygen. If breathing stops, give artificial respiration.  
 In cases of INGESTION: If swallowed, rinse mouth out with water, contact local poison centre and call a physician.

**10. FIRE-FIGHTING MEASURES**

Extinguishing Media: Material is non-combustible. Use extinguishing media appropriate to surrounding fire conditions.  
 Unusual Fire and Explosive Hazards: May emit toxic gases upon thermal decomposition.  
 Special Fire-Fighting Procedures: Wear protective clothing to prevent contact with skin and eyes.

**11. ACCIDENTAL RELEASE MEASURES**

Wear appropriate protective clothing. Cover spillage with suitable absorbent material. Using non-spark tools, sweep up material and place in an appropriate container. Decontaminate spill site with 10% caustic solution and ventilate area until after disposal is complete. Hold all material for appropriate disposal as described under DISPOSAL CONDITIONS.

**12. ECOLOGICAL INFORMATION**

Data not yet available - treat as potentially toxic if released into the environment.

**13. DISPOSAL CONDITIONS**

As specific country, federal, state and local environmental regulations are varied and change frequently, we recommend that you contact your local department for Health Services for information on the correct disposal of this product.

**14. TRANSPORT INFORMATION**

U.N. Number:  
 Proper Shipping Name:  
 IATA Class:  
 IATA Packing Group:

**15. OTHER INFORMATION**

*The above information is believed to be correct but does not purport to be complete and should be used only as a guide. The burden of safe use of this material rests entirely with the user.*

2/2/2012