



# 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) 

# TETRODOTOXIN citrate



Discovery through Partnership | Excellence through Quality

Sodium Channel Blocker  
Catalog No. SIH-603

## Product Name

Tetrodotoxin citrate

## Description

Sodium Channel Blocker

## Purity

>98% (HPLC); 99.5% (TLC)

## CAS No.

18660-81-6

## Molecular Formula

$C_{11}N_{17}N_3O_8$

## Molecular Weight

319.27

## Field Of Use

Not for use in humans. Not for use in diagnostics or therapeutics. For in vitro research use only.

## Properties

### Storage Temperature

-20°C

### Shipping Temperature

Shipped Ambient

### Product Type

Blocker

### Solubility

Maybe dissolved in buffer or distilled water as needed.

## Source

Synthetic

## Appearance

White powder

## SMILES

C(C(=O)O)C(CC(=O)O)(C(=O)O)O.C(C1(C2C3C(N=C(NC34C(C1OC(C4O)(O2)O)O)N)O)O)O

## InChI

InChI=1S/C11H17N3O8.C6H8O7/c12-8-13-6(17)2-4-9(19,1-15)5-3(16)10(2,14-8)7(18)11(20,21-4)22-5;7-3(8)1-6(13,5(11)12)2-4(9)10/h2-7,15-20H,1H2,(H3,12,13,14);13H,1-2H2,(H,7,8)(H,9,10)(H,11,12)/t2-,3-,4+,5

## InChIKey

YUJWMDOXROTQCW-WNGAXIQVSA-N

## Safety Phrases

Classification: Severe poison. H300 Fatal if swallowed

H310 Fatal in contact with skin

H330 Fatal if inhaled

Precautionary statement(s):

P260 Do not breathe dust/fume/gas/mist/vapours/spray

P262 Do not get in eyes, on skin, or on clothing

P264 Wash hands thoroughly after handling

P280 Wear protective gloves/protective clothing/eye protection/face protection

P284 Wear respiratory protection

P301+310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician

P302+350 IF ON SKIN: Gently wash with soap and water

P304+340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

## Cite This Product

Tetrodotoxin citrate (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-603)

## Biological Description

### Alternative Names

TTX citrate

### Research Areas

Cancer, Cell Signaling, Ion Channels, Neuroscience, Sodium Channels, Voltage-Gated Sodium Channels

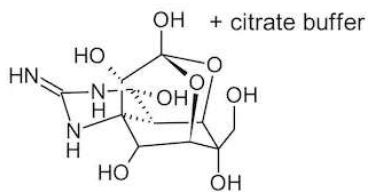
### PubChem ID

54592378

## Scientific Background

Tetrodotoxin citrate is the water soluble citrate salt of tetrodotoxin. It is a potent, selective and reversible use-dependent inhibitor of voltage gated sodium channels.

## Product Images



Chemical structure of Tetrodotoxin Citrate (SIH-603), a Sodium Channel Blocker. CAS #: 18660-81-6. Molecular Formula: C<sub>11</sub>N<sub>17</sub>N<sub>3</sub>O<sub>8</sub>. Molecular Weight: 319.27 g/mol.

## Product Citations (0)

Currently there are no citations for this product.

## Reviews

There are no reviews yet.

© 2022 stressmarq.com