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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

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TETRODOTOXIN

Sodium Channel Blocker
Catalog No. SIH-602



Discovery through Partnership | Excellence through Quality

Product Name

Tetrodotoxin

Description

Sodium Channel Blocker

Purity

>98% (HPLC); 100% (TLC)

CAS No.

4368-28-9

Molecular Formula

$C_{11}H_{17}N_3O_8$

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

Predissolved in citrate buffer pH4.8

Source

Synthetic

Appearance

White powder

SMILES

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

InChI

InChI=1S/C11H17N3O8/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/h2-7,15-20H,1H2,(H3,12,13,14)/t2-,3-,4-,5+,6-,7+,9+,10-,11+/m1/s1

InChIKey

CFMYXEVWODSLAX-QOZOJJKESA-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 (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-602)

Biological Description

Alternative Names

Fugu poison, Maculotoxin, Spheridine, Tarichatoxin, TTX

Research Areas

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

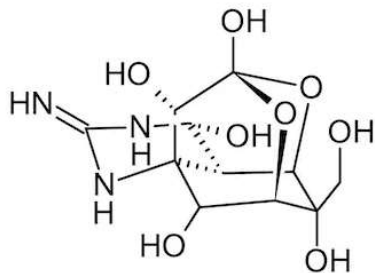
PubChem ID

11174599

Scientific Background

Tetrodotoxin is a potent, selective and reversible use-dependent inhibitor of voltage-gated sodium channels.

Product Images



Chemical structure of Tetrodotoxin (SIH-602), a Sodium Channel Blocker. CAS #: 4368-28-9. Molecular Formula: C₁₁H₁₇N₃O₈. Molecular Weight: 319.27 g/mol.

Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.

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