



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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A-803467

NaV1.8 blocker  
Catalog No. SIH-304



Discovery through partnership | Excellence through quality

## Overview

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### Product Name

A-803467

### Description

NaV1.8 blocker

### Purity

>98%

### CAS No.

944261-79-4

### Molecular Formula

C11H11ClNO1

### Molecular Weight

357.79

## Properties

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### Storage Temperature

-20°C

### Shipping Temperature

Shipped Ambient

### Product Type

Inhibitor

### Solubility

Soluble to 100 mM in DMSO and to 25 mM in ethanol

### Source

Synthetic

### Appearance

Beige Solid

### SMILES

COC1=CC(=CC(=C1)NC(=O)C2=CC=C(O2)C3=CC=C(C=C3)Cl)OC

### InChI

InChI=1S/C19H16ClNO4/c1-23-15-9-14(10-16(11-15)24-2)21-19(22)18-8-7-17(25-18)12-3-5-13(20)6-4-12/h3-11H,1-2H3,(H,21,22)

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## InChIKey

VHKBTPQDHDSBSP-UHFFFAOYSA-N

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## Safety Phrases

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

Hazard Phrases: H3012

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## Cite This Product

A-803467 (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-304)

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## Biological Description

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### Alternative Names

5-(4-Chlorophenyl)-N-(3,5-dimethoxyphenyl)-2-furamide

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### Research Areas

Ion Channels, Neuroscience, Sodium Channels

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### PubChem ID

16038374

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### Scientific Background

A selective blocker of Nav1.8 channels. A-803467 potently reduced thermal hyperalgesia in inflammatory models of pain and mechanical allodynia in neuropathic models of pain, but was relatively ineffective in a skin-incision model of postoperative pain, a chemotherapy induced pain, and in visceral pain (1).

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### References

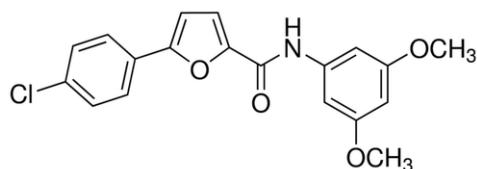
1. Rush A.M., Cummins T.R. (2007) Mol Interv. 7(4): 192-195.

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## Product Images

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Chemical structure of A-803467 (SIH-304), a Nav1.8 blocker. CAS #: 944261-79-4.  
Molecular Formula: C<sub>19</sub>H<sub>16</sub>ClNO<sub>4</sub>. Molecular Weight: 357.79 g/mol.



## Product Citations (0)

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Currently there are no citations for this product.

## Reviews

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There are no reviews yet.