



# SZABO SCANDIC

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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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# FTY720 Hydrochloride

S1P receptor ligand  
Catalog No. SIH-523



Discovery through partnership | Excellence through quality

## Overview

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### Product Name

FTY720 Hydrochloride

### Description

S1P receptor ligand

### Purity

>98% (TLC); NMR (Conforms)

### CAS No.

162359-56-0

### Molecular Formula

C<sub>11</sub>H<sub>11</sub>ClNO<sub>2</sub>

### Molecular Weight

343.9

## Properties

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### Storage Temperature

-20°C

### Shipping Temperature

Shipped Ambient

### Product Type

Agonist

### Solubility

Soluble to 100 mg/ml in DMSO or to 40 mg/ml in ethanol (warmed)

### Source

Synthetic

### Appearance

White solid

### SMILES

CCCCCCCC1=CC=C(C=C1)CCC(CO)(CO)N.Cl

### InChI

InChI=1S/C19H33NO2.ClH/c1-2-3-4-5-6-7-8-17-9-11-18(12-10-17)13-14-19(20,15-21)16-22;/h9-12,21-22H,2-8,13-16,20H2,1H3;1H

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**InChIKey**

SWZTYAVBMYWFGS-UHFFFAOYSA-N

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**Safety Phrases**

Classification: D2B Toxic Material Causing Other Toxic Effects

Moderate skin irritant

Moderate eye irritant

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 statement(s):

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statement(s):

P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

P273 Avoid release to the environment.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

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**Cite This Product**

FTY720 Hydrochloride (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-523)

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**Biological Description**

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**Alternative Names**

2-Amino-2-[2-(4-octylphenyl)ethyl]-1,3-propanediol,hydrochloride; Fingolimod

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**Research Areas**

Cell Signaling

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**PubChem ID**

107969

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**Scientific Background**

FTY720 is a potent sphingosine 1-phosphate receptors (S1P) agonist once it is phosphorylated by sphingosine kinase. This causes lymphocytes to be sequestered in lymph nodes, which also makes FTY720 an immune modulating drug.

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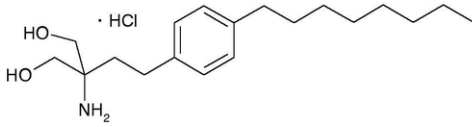
**References**

1. Wolf A., et al. (2009) J Immunol. 183(6): 3751-60.
  2. Brinkmann V., et al. (2002) J Biol Chem. 277(24): 21453-7.
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**Product Images**

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Chemical structure of FTY720 Hydrochloride (SIH-523), a Sphingosine 1-phosphate receptor agonist. CAS #: 162359-56-0. Molecular Formula: C<sub>19</sub>H<sub>34</sub>ClNO<sub>2</sub>. Molecular Weight: 343.9 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.