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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Itraconazole

Cytochrome P450 inhibitor
Catalog No. SIH-543



Discovery through partnership | Excellence through quality

Overview

Product Name

Itraconazole

Description

Cytochrome P450 inhibitor

Purity

>98%

CAS No.

84625-61-6

Molecular Formula

C₁₈H₁₂Cl₂N₂O

Molecular Weight

705.6

Properties

Storage Temperature

-20°C

Shipping Temperature

Blue Ice or 4°C

Product Type

Inhibitor

Solubility

Soluble in chloroform (50 mg/ml)

Source

Synthetic

SMILES

CCC(C)N1N=CN(C1=O)c2ccc(cc2)N3CCN(CC3)c4ccc(OC[C@H]5CO[C@@](Cn6cncn6)(O5)c7ccc(Cl)cc7Cl)cc4

InChI

1S/C35H38Cl2N8O4/c1-3-25(2)45-34(46)44(24-40-45)29-7-5-27(6-8-29)41-14-16-42(17-15-41)28-9-11-30(12-10-28)47-19-31-20-48-35(49-31,21-43-23-38-22-39-43)32-13-4-26(36)18-33(32)37/h4-13,18,22-25,31H,3,1

InChIKey

Safety Phrases

Classification:

D1B Toxic Material Causing Immediate and Serious Toxic Effects - Toxic by ingestion

D2A Very Toxic Material Causing Other Toxic Effects - Teratogen

D2B Toxic Material Causing Other Toxic Effects - Moderate skin irritant, Moderate respiratory irritant, Moderate eye irritant

Hazard statement(s):

H302 Harmful if swallowed.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

Precautionary statement(s):

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

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

Cite This Product

Itraconazole (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-543)

Biological Description

Alternative Names

Itraconazole, 84625-61-6, Sporanox, ITRAZOLE, Itraconazolium, Oriconazole, R51211, Sporanox, 4-[4-[4-[4-[[2-(2,4-Dichlorophenyl)-2-(1H-1,2,4-triazol-1-yl)methyl]-1,3-dioxolan-4-yl]methoxy]phenyl]-1-piperazinyl]phenyl]-2,4-dihydro-2-(1-methylpropyl)-3H-1,2,4-triazol-3-one

Research Areas

Cancer, Angiogenesis, Autophagy, Cardiovascular System, Growth Factors

PubChem ID

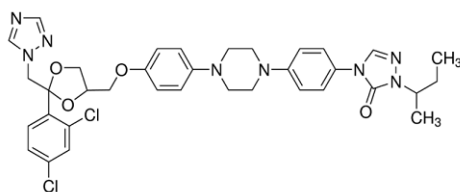
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Scientific Background

Itraconazole is a triazol antifungal agent. It inhibits P-450 dependent enzymes, which results in the inhibition of ergosterol synthesis.

Product Images

Chemical structure of Itraconazole (SIH-543), a Cytochrome P450 inhibitor. CAS #: 84625-61-6. Molecular Formula: C₃₅H₃₈Cl₂N₈O₄. Molecular Weight: 705.6 g/mol.



Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.