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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Terazosin Hydrochloride

Alpha adrenergic antagonist, and Hsp90 Activator
Catalog No. SIH-516



Discovery through partnership | Excellence through quality

Overview

Product Name

Terazosin Hydrochloride

Description

Alpha adrenergic antagonist, and Hsp90 Activator

Purity

>98%

CAS No.

63074-08-8

Molecular Formula

C₁₇H₁₈N₄O₄·HCl

Molecular Weight

423.89

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Antagonist

Solubility

Soluble to 20mg/ml in warm water

Source

Synthetic

Appearance

White to off-white solid

SMILES

C1=C(OC)C(=CC2=C1C(=NC(=N2)N3CCN(CC3)C(=O)C4CCCO4)N)OC.[Cl-].O

InChI

InChI=1S/C19H25N5O4.ClH.H2O/c1-26-15-10-12-13(11-16(15)27-2)21-19(22-17(12)20)24-7-5-23(6-8-24)18(25)14-4-3-9-28-14;;/h10-11,1

InChIKey

MWYNOTLRCUQCKD-UHFFFAOYSA-M

Safety Phrases

Classification:

Not a hazardous substance or mixture.

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 Statements: H302 - Harmful if swallowed.

Cite This Product

Terazosin Hydrochloride (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-516)

Biological Description

Alternative Names

1-(4-Amino-6,7-dimethoxy-2-quinazoliny)-4-[(tetrahydro-2-furanyl)carbonyl]piperazine

Research Areas

Cancer, Alpha-2 Adrenergic Receptors, Apoptosis, Neuroscience, Neurotransmitter Receptors

PubChem ID

44383

Scientific Background

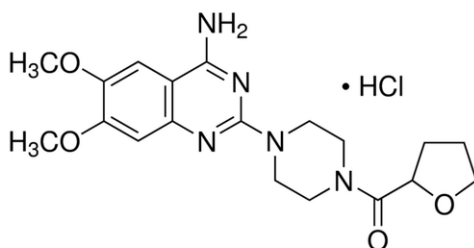
Terazosin (TZ) which is marketed as an alpha1-adrenergic receptor antagonist, has been shown to alleviate organ damaged and increase survival in rodent models of sepsis and stroke in vivo (1). It inhibits apoptosis in macrophages by activation of Pgk1 and Hsp90 (1).

References

1. Chen X., et al. (2015) Nature Chem Biol. 11:19-25.
 2. Hancock A.A., et al. (1995) J Recept Signal Transduct Res. 15: 863.
 3. Kyncl J.J. (1986) Am J Med. 80:12.
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Product Images

Chemical structure of Terazosin Hydrochloride (SIH-516), a Alpha adrenergic antagonist, and Hsp90 Activator. CAS #: 63074-08-8. Molecular Formula: C₁₉H₂₅N₅O₄ · HCl. Molecular Weight: 423.89 g/mol.



Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.