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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Tranilast

Angiogenesis inhibitor
Catalog No. SIH-369



Discovery through partnership | Excellence through quality

Overview

Product Name

Tranilast

Description

Angiogenesis inhibitor

Purity

>95% (HPLC)

CAS No.

53902-12-8

Molecular Formula

C₁₈H₁₇NO₅

Molecular Weight

327.33

Properties

Storage Temperature

-20°C

Shipping Temperature

Shipped Ambient

Product Type

Inhibitor

Solubility

Soluble in DMSO.

Source

Synthetic

Appearance

Off-white to yellow powder.

SMILES

COC1=C(C=C(C=C1)/C=C/C(=O)NC2=CC=CC=C2C(=O)O)OC

InChI

InChI=1S/C18H17NO5/c1-23-15-9-7-12(11-16(15)24-2)8-10-17(20)19-14-6-4-3-5-13(14)18(21)22/h3-11H,1-2H3,(H,19,20)(H,21,22)/b10-8+

InChIKey

NZHGWWWHIYHZNK-CSKARUKUSA-N

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:

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H332 Harmful if inhaled.

Precautionary Phrases:

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

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301+ P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P304+P340 IF INHALED: remove victim to fresh air and keep at rest in a position comfortable for breathing.

P501 Dispose of contents/container in accordance with local/regional/national/ international regulations.

Cite This Product

Tranilast (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SIH-369)

Biological Description

Alternative Names

2-[[[(2E)-3-(3,4-dimethoxyphenyl)prop-2-enyl]amino]benzoic acid

Research Areas

Cancer, Cardiovascular System, Cell Signaling, Neuroscience

PubChem ID

5282230

Scientific Background

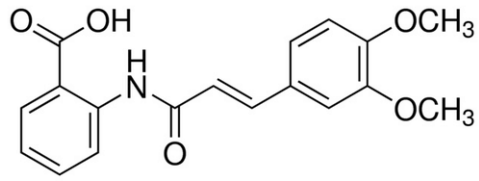
Tranilast is an antiallergic, antifibrotic drug that inhibits collagen synthesis, when administered in a dose dependent manner for a 48 h treatment (1). As an antifibrotic agent, studies shown an effect on the growth of metastasis of mammary carcinoma. It is associated with the inhibition of the growth factor beta. (TGF-beta) (2).

References

1. Yamada H., Tajima S., Nishikawa T., Murad S., and Pinnell S., (1999) The Journal of Biochemistry. 116(4): 892-897.
 2. Chakrabarti R., Subramanian V., Abadalla J., Jothy S., Predhomme GJ. (2009) Anticancer Drugs. 20(5): 334-45.
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Product Images

Chemical structure of Tranilast (SIH-369), a Angiogenesis inhibitor. CAS #: 53902-12-8. Molecular Formula: C₁₈H₁₇NO₅ . Molecular Weight: 327.33 g/mol.



Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.