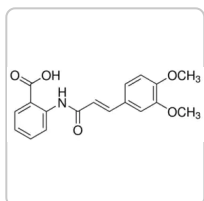


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T0318 ▶ **Sigma-Aldrich**

Tranilast

★★★★★ (0)

≥98% (HPLC), powder

Synonyme(s):

2-[[3-(3,4-Dimethoxyphenyl)-1-oxo-2-propenyl]amino] benzoic acid, 3,4-DAA, N-(3,4-Dimethoxycinnamoyl)anthranilic acid, Rizaben, SB-252218

Empirical Formula (Hill Notation):

C₁₈H₁₇NO₅

Numéro CAS: **53902-12-8**

Poids moléculaire: 327.33

Numéro MDL: **MFCD00864787**

ID de substance PubChem: **24278719**

NACRES: NA.77

Référence	Conditionnement	Disponibilité	Prix	Quantité
T0318-10MG	10 MG	Disponible pour expédition le 10 octobre 2022	Détails... 211,00 €	– +
T0318-50MG	50 MG	Only 1 left in stock (more on the way)	Détails... 841,00 €	– +

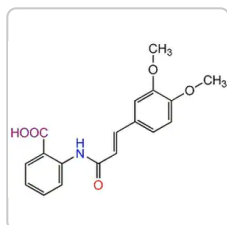
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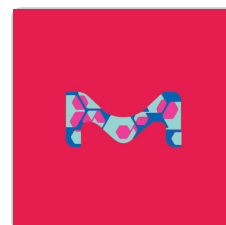
PRODUITS RECOMMANDÉS



Millipore

616400-M**Tranilast - CAS 53902-12-8 - Calbiochem**

An anthranilic acid analog that acts as a potent inhibitor of VEGF- and vascular permeability factor-induced...

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Sigma-Aldrich

SML1101**Nedocromil sodium**

≥98% (HPLC)

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PROPRIÉTÉS

Niveau de qualité 100

Essai/Dosage ≥98% (HPLC)

Forme powder

Couleur white to beige

Pf 166.2-168.2 °C (lit.)

DMSO: >10 mg/mL

Solubilité

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Temp. de stockage	2-8°C
SMILES string	<chem>COc1ccc(\C=C\C(=O)Nc2ccccc2C(O)=O)cc1OC</chem>
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+
InChI key	NZHGWWWHIYHZNX-CSKARUKUSA-N
Gene Information	human ... VEGFA(7422) , VEGFB(7423) , VEGFC(7424)

DESCRIPTION

Application

The effect of Tranilast on mast cell surface receptors was studied in murine bone marrow-derived mast cells.

Conditionnement

10, 50 mg in glass bottle

Actions biochimiques/physiologiques

Tranilast also inhibits vascular smooth muscle cell proliferation by inhibiting the cyclin-dependent kinase inhibitor-1(p21Waf1/Cip1) and may be useful in treating cardiac allograft vasculopathy. It is used in treating hypertrophic scars and keloids.

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cyclooxygenase or lipoxygenase activity; inhibits mast cell degranulation; inhibits VEGF-induced angiogenesis *in vivo* and also inhibits proliferation and tube formation of human endothelial cells *in vitro*. Tranilast may represent a new class of drugs for therapy to treat ongoing T_H1-mediated autoimmune diseases.

Caractéristiques et avantages

This compound was developed by [Kissei](#). To browse the list of other pharma-developed compounds and Approved Drugs/Drug Candidates, [click here](#).

INFORMATIONS SUR LA SÉCURITÉ

Pictograms



GHS07

Mention d'avertissement

Warning

Mentions de danger

H302

Classification des risques

Acute Tox. 4 Oral

Code de la classe de stockage

13 - Non Combustible Solids

WGK

WGK 3

Équipement de protection individuelle

dust mask type N95 (US),
Eyeshields, Gloves

DOCUMENTATION

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ARTICLES REVUS PAR DES PAIRS

Organotypic brain explant culture as a drug evaluation system for malignant brain tumors.

Noriaki Minami et al.

Cancer medicine, 6(11), 2635-2645 (2017-10-06)

Therapeutic options for malignant brain tumors are limited, with new drugs being continuously evaluated. Organotypic brain slice culture has been adopted for neuroscience studies as a system that preserves brain architecture, cellular function, and the vascular network. However, the suitability

Tranilast inhibits the expression of genes related to epithelial-mesenchymal transition and angiogenesis in neurofibromin-deficient cells

Harigai R, et al.

Scientific reports, 8(1), 6069-6069 (2018)

Biomarkers for the identification of cardiac fibroblast and myofibroblast cells.

Emiri Tarbit et al.

Heart failure reviews, 24(1), 1-15 (2018-07-11)

Experimental research has recognized the importance of cardiac fibroblast and myofibroblast cells in heart repair and function. In a normal healthy heart, the cardiac fibroblast plays a central role in the structural, electrical, and chemical aspects within the heart. Interestingly

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Several epidemiological studies have pointed at serum uric acid (SUA) as an independent risk factor for mortality, diabetes, hypertension, cardiovascular and kidney disease; however, no clear pathogenic pathway is established. Uric acid (UA) crystals show pro-inflammatory properties and can thus

Safer approaches to therapeutic modulation of TGF- β signaling for respiratory disease.

Philippe Lachapelle et al.

Pharmacology & therapeutics, 187, 98-113 (2018-02-21)

The transforming growth factor (TGF)- β cytokines play a central role in development and progression of chronic respiratory diseases. TGF- β overexpression in chronic inflammation, remodeling, fibrotic process and susceptibility to viral infection is established in the most prevalent chronic respiratory diseases

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Discover Bioactive Small Molecules for Lipid Signaling Research

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units/mg protein

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