

Tranilast, NFkB inhibitor

Catalog	Unit
TBI2234-10MG	10 mg
TBI2234-50MG	50 mg

Product Details

Formal Name: N-(3',4'-Dimethoxycinnamoyl)anthranilic acid

Alternate Names: Rizaben; SB252218; 3,4-DAA

Molecular Formula: C₁₈H₁₇NO₅

Formula Weight: 327.34

CAS Number: 53902-12-8

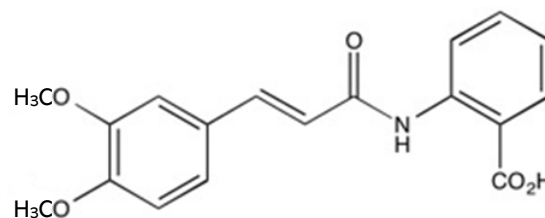
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 25 mg/ml).

Storage: -20°C

Stability: ≥ 2 years.



Applications

NFkB inhibitor

Functions

Tranilast is an anti-allergy agent (inhibition of mast cell degranulation) that has been shown to have potent immunomodulatory effects (via inhibition of endotoxin induced: PGE₂, IC₅₀ = 1-20 μM; TXB₂, IC₅₀ = 10-50 μM; TGFβ1, IC₅₀ = 100-200 μM; IL-8, IC₅₀ = 100 μM). Tranilast also displays anti-angiogenic properties.

Application Procedures

First dissolved in DMSO (up to 25 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 2 months.

For research use only.