

Piceatannol, SIRT1 activator; Tyrosine kinase inhibitor

Catalog	Unit
TBI2293-5MG	5 mg
TBI2293-25MG	25 mg

Product Details

Formal Name: 3,3',4,5'-Tetrahydroxy-trans-stilbene

Molecular Formula: C₁₄H₁₂O₄

Formula Weight: 244.25

CAS Number: 10083-24-6

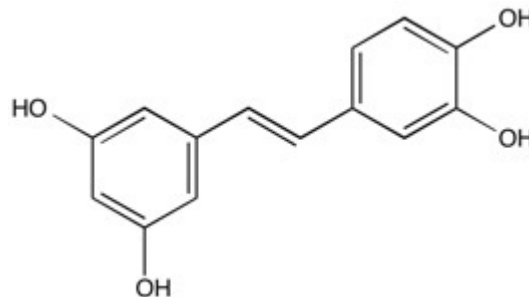
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 10 mg/ml) or in Ethanol (up to 10 mg/ml).

Storage: -20°C

Stability: ≥ 2 years.



Applications

SIRT1 activator; Tyrosine kinase inhibitor

Functions

A naturally occurring resveratrol analog. Inhibits nonreceptor kinases Syk and Lyk (IC₅₀ approximately 10 μM). Stimulates Sirt1.

Application Procedures

First dissolved in DMSO (up to 10 mg/ml) or in Ethanol (up to 10 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20° for up to 2 months.

For research use only.