

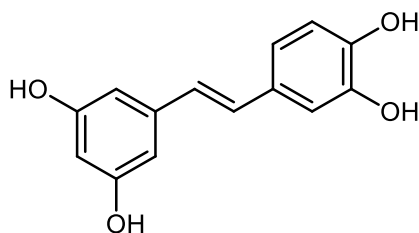
**Catalog # 10-2293**

**Piceatannol**

CAS# 10083-24-6

3,3',4,5'-Tetrahydroxy-*trans*-stilbene

Lot # FBA2160



A naturally occurring resveratrol analog. Inhibits nonreceptor kinases Syk and Lyk (IC<sub>50</sub> approximately 10 μM)<sup>1</sup>. Stimulates Sirt1<sup>2</sup>.

- 1) Seow *et al.* (2002), *Piceatannol, a Syk-selective tyrosine kinase inhibitor, attenuated antigen challenge of guinea pig airways in vitro.*; Eur. J. Pharmacol., **443** 189.
- 2) Howitz *et al.* (2003), *Small molecule activators of sirtuins extend Saccharomyces cerevisiae lifespan*; Nature, **425** 191

**PHYSICAL DATA**

Molecular Weight:	244.25
Molecular Formula:	C <sub>14</sub> H <sub>12</sub> O <sub>4</sub>
Purity:	98% by HPLC
	NMR: Conforms
Solubility:	DMSO (up to 10 mg/ml), or Ethanol (up to 10 mg/ml)
Physical Description:	Pale pink solid
Storage and Stability:	Store as supplied at -20°C for up to 2 years from the date of purchase. Solutions in DMSO or ethanol may be stored at -20°C for up to 2 months.

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