Piceatannol

Syk inhibitor. SIRT1 activator.

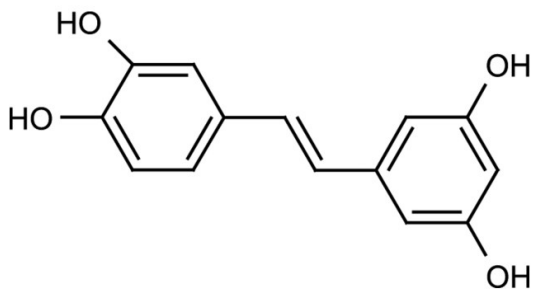
Originally isolated from *Euphorbia lagascae.* Selective protein tyrosine kinase Syk inhibitor (IC_{50}~10 µM). In RBL-2H3 cells the selective inhibition of Syk by piceatannol results in inhibition of FcεR1-mediated signaling. Activator of human deacetylase SIRT1.

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ALX-270-202-M001	1mg
ALX-270-202-M010	10mg

Manuals, SDS & CofA View Online »

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Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Unstable in sodium hydroxide.
Handling	Protect from light and oxygen.
Long Term Storage	+4°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	3,4,3′,5′-Tetrahydroxy-trans-stilbene
Appearance	Off-white to light pink crystalline solid.
CAS	10083-24-6
Couple Target	SIRT, SIRT1, Syk
Couple Type	Activator, Inhibitor
Formula	$C_{14}H_{12}O_4$
MW	244.2
Purity	≥98% (HPLC (UV))
Solubility	Soluble in DMSO (>50mg/ml), methanol (>50mg/ml), dioxan (>50mg/ml), acetonitrile (>50mg/ml); slightly soluble in water (1mg/ml).
Source	Synthetic.

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