Genistein (synthetic)

Tyrosine kinase inhibitor

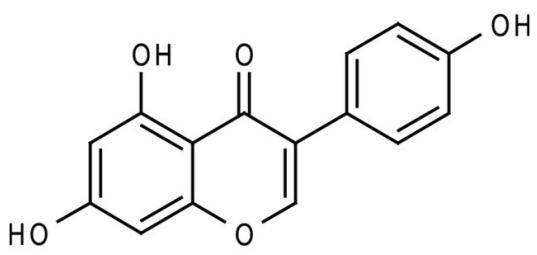
Tyrosine protein kinase inhibitor. Inhibits phosphorylation of EGFR kinase. Inhibits tumor cell proliferation and induces tumor cell differentiation. Inhibits topoisomerase II activity *in vivo*. Produces cell cycle arrest and apoptosis. Potent inhibitor of α-glucosidase, IC_{50} = 50nM.Direct inhibitor of insulin-induced glucose uptake in adipocytes (IC_{50}=20μM).

Citations: 26 View Online »

Ordering Information Order Online »

ALX-350-006-M010	10mg
ALX-350-006-M025	25mg
ALX-350-006-M050	50mg

Manuals, SDS & CofA View Online »


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Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Handling	Protect from light.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	4′,5,7-Trihydroxyisoflavone
Appearance	Creamy off-white solid.
CAS	446-72-0
Couple Target	Glucosidase, Topoisomerase
Couple Type	Inhibitor
Formula	$C_{15}H_{10}O_5$
MI	**14:** 4391
MW	270.2
Purity	≥98% (HPLC)
RTECS	NR2392000
Solubility	Soluble in DMSO (30mg/ml), 100% ethanol (4mg/ml) or dilute aqueous base; insoluble in water.
Source	Synthetic.

Technical Info / Product Notes

Replacement for **ADI-HPK-103**

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