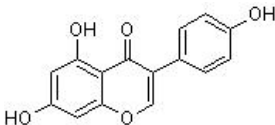


## Product datasheet

# Genistein, Protein tyrosine kinase inhibitor ab120112

### 3 References

#### Overview

<b>Product name</b>	Genistein, Protein tyrosine kinase inhibitor
<b>Description</b>	Protein tyrosine kinase inhibitor. Anticancer agent.
<b>Biological description</b>	Phytoestrogen found in soy beans. Anticancer agent. Inhibits tyrosine protein kinase and DNA topoisomerase as well as possessing antioxidant and cell cycle inhibitor activity. Endocytosis inhibitor.
<b>Purity</b>	> 99%
<b>CAS Number</b>	446-72-0
<b>Chemical structure</b>	

#### Properties

<b>Chemical name</b>	5,7-Dihydroxy-3-(4-hydroxyphenyl)-4 <i>H</i> -chromen-4-one
<b>Molecular weight</b>	270.24
<b>Molecular formula</b>	C <sub>15</sub> H <sub>10</sub> O <sub>5</sub>
<b>PubChem identifier</b>	5280961
<b>Storage instructions</b>	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
<b>Solubility overview</b>	Soluble in DMSO to 100 mM
<b>Handling</b>	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.</p>
<b>SMILES</b>	<chem>Oc1ccc(cc1)C3=COC2cc(O)cc(O)c2C3=O</chem>
<b>Source</b>	Synthetic

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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