

<https://clue.io/>



ConnectivityMap

Unravel biology with the world's largest
perturbation-driven gene expression dataset.



Start exploring the data by using the text-box on this page to look up perturbagens of interest in Touchstone. To see the suite of tools, including apps to query your gene expression signatures and analyze resulting connections, click on Tools in the menu bar.

genistein

> TYPE COMPOUND, GENE, MoA, OR PERTURBAGEN CLASS TO SEE OVERVIEW
> TYPE A SLASH CHARACTER "/" TO SEE LIST OF COMMANDS

DATA VERSION: Beta / SOFTWARE VERSION: 1.1.1.43

SUPPORT + OFFICE HOURS CANCELED

As of 7/15/22, our team will no longer be offering office hours and email support for clue.io and its app. Our extensive online learning resources will still be available through [Connectopedia](#), including the comprehensive CLUE glossary. Please note that this will not affect any functionalities on clue.io and its apps—we are only ending individualized support. As always, we appreciate your continued use of clue.io! — The CLUE Team .

genistein

CP genistein

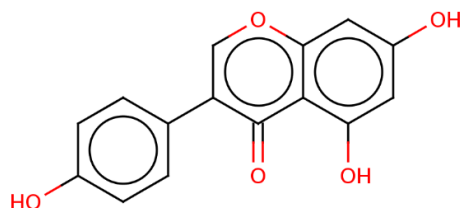
Synonym: S1342

tyrosine kinase inhibitor|angiogenesis inhibitor|CFTR channel activator|EGFR...

[\[More > \]](#)

ID: [Broad](#) | [PubChem](#) | [ChEMBL](#) | [InChIKey](#) | [SMILES](#)

BRD-K43797669



Biological function

MOA: Tyrosine kinase inhibitor

CMap class: Estrogen Agonist (CP)

Protein target: CFTR, EGFR, ESR1, ESR2, ESRR1, ESRR2, ESRR3, ESRR4, NCOA1, NCOA2, PPARG, PTK2B, TOP2A, TRPC5

Profile status

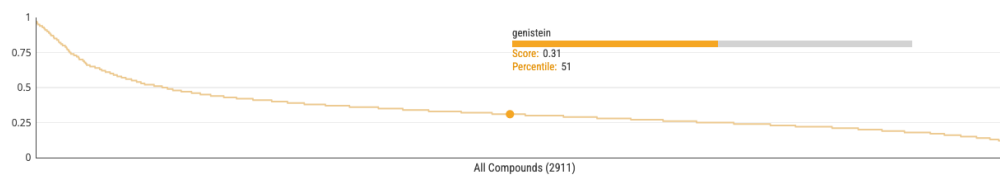
Profiled in:

[L1000](#) [PCCSE](#) [CPaint](#) [PRISM](#)

Dose

Average transcriptional impact

Transcriptional impact summarized across core cell lines



View top connections/internal connectivities

[/CONN](#)

View/download signatures

[/SIG](#)

Click here

Select signatures

Cell Line : A375, A549, ASC, FIBRNPC, HA1E, HCC515

Reset all

Cell Line

(6)

☒ A375 (1)

☒ A549 (1)

☒ ASC (1)

☒ FIBRNPC (1)

☒ HA1E (1)

☒ HCC515 (1)

Search

(1)

Id	Name	Type	Description
<input checked="" type="checkbox"/> BRD-K43797669	genistein		tyrosine kinase inhibitor angiogenesis inhibitor CFTR channel activator EGFR inhibito

Select cell lines
In the paper, I think I only selected MCF7

Select datasets (all)

