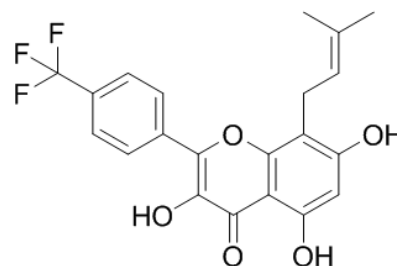


Product Name : SNG-1153
Cat. No. : PC-45768
CAS No. : 1446712-19-1
Molecular Formula : C₂₁H₁₇F₃O₅
Molecular Weight : 406.3519
Target : Estrogen Receptor/ERR
Solubility : DMSO: ≥ 32 mg/mL



Biological Activity

A derivative of icaritin that inhibits the growth of lung CSCs; inhibits the tumorsphere formation and decreases CD133-positive (lung CSC marker) cancer cells, attenuates tumor formation in NOD/SCID mice; induces β -catenin phosphorylation and down-regulated β -catenin; targets abnormal **ER α 36** activity, inhibits cell growth and induces apoptosis of BCR-ABL+ leukemic cells, particularly BCR-ABL-T315I mutant cells; effectively eliminates infiltrated BCR-ABL+ blast cells and enhances survival of mice combined with dasatinib.

Breast Cancer
Preclinical

References

- Liu S, et al. Oncotarget. 2016 Jul 19;7(29):45158-45170.
Chen M, et al. Oncotarget. 2017 Jul 4;8(27):43662-43677.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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