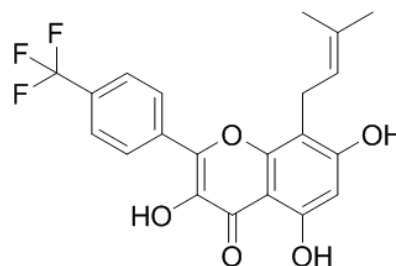


Product Name : SNG-1153
Cat. No. : PC-45768
CAS No. : 1446712-19-1
Molecular Formula : C₂₁H₁₇F₃O₅
Molecular Weight : 406.3519
Target : Estrogen Receptor/ERR
Solubility : DMSO: ≥ 32 mg/mL



Biological Activity

SNG-1153 (SNG1153) is a derivate of icaritin that inhibits the growth of lung CSCs, targets abnormal **ERα36** activity, inhibits cell growth and induces apoptosis of BCR-ABL+ leukemic cells.

SNG-1153 inhibits the tumorsphere formation and decreases CD133-positive (lung CSC marker) cancer cells, attenuates tumor formation in NOD/SCID mice.

SNG-1153 induces β-catenin phosphorylation and down-regulated β-catenin.

SNG-1153 effectively eliminates infiltrated BCR-ABL+ blast cells and enhances survival of mice combined with dasatinib.

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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