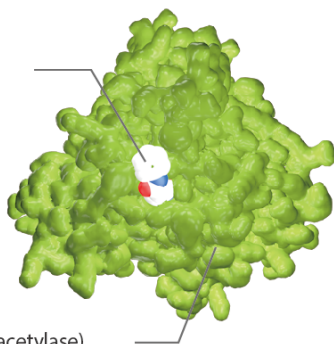


# sFRP-1

Secreted frizzled related protein 1;SARP-2;FrzA

HDAC Inhibitor:  
Vorinostat (SAHA)



HDAC (Histone deacetylase)

Secreted frizzled-related proteins (SFRPs) are soluble proteins that have highly restricted tissue distribution. SFRPs are capable of binding to Wnts and frizzled (Fz) receptors to interfere with Wnt signaling, which plays a major role in cell fate determination through the regulation of cell proliferation, differentiation, and apoptosis.

sFRP-1 contributes to the inhibition of apoptosis in fibroblast populations. sFRP-1 proteins are involved in apoptosis by negatively modulating wingless/int (WNT) signaling by interacting with either WNTs or Frizzled receptors. By sequestering WNTs, sFRP-1 removes the stimulus for  $\beta$ -catenin stabilization and mediates various biological processes.

SFRP proteins modulate Wnt signalling by interacting with either Wnt or frizzled receptors and are reported to affect epithelial/stromal interactions in prostate cancer.

## sFRP-1 Inhibitors & Modulators

WAY 316606

Cat. No.: HY-10858

**Bioactivity:** WAY 316606 is an inhibitor of the secreted protein **sFRP-1**, an endogenous antagonist of the secreted glycoprotein **Wnt**. The affinity of WAY-316606 for sFRP-1 is determined using the FP binding assay with **IC<sub>50</sub>** of 0.5  $\mu$ M.

**Purity:** 99.61%

**Clinical Data:** No Development Reported

**Size:** 10mM x 1mL in DMSO,  
5 mg, 10 mg, 50 mg, 100 mg

