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Inhibitors, Screening Libraries, Proteins

# sFRP-1

Secreted frizzled related protein 1; SARP-2; FrzA

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.

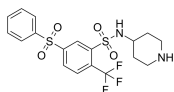
SFRP proteins modulate Wnt signalling by interacting with either Wnt or frizzled receptors and are reported to affect epithelial/stromal interactions in prostate cancer.

## sFRP-1 Inhibitor

WAY 316606

Cat. No.: HY-10858

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  $IC_{50}$  of 0.5  $\mu$ M.



**Purity:** 99.69%

**Clinical Data:** No Development Reported

**Size:** 10 mM × 1 mL, 5 mg, 10 mg, 50 mg, 100 mg