

**Product Name:** XAV 939

**Cat. No.:** SMOC-2603-CXX-046

**Description:** A potent antagonist of tankyrase.

Product Details	
<b>Size</b>	10 mg/50 mg
<b>Synonyms</b>	XAV939 Wnt Signaling Inhibitor
<b>Purity</b>	≥98%
<b>Formula</b>	C <sub>14</sub> H <sub>11</sub> F <sub>3</sub> N <sub>2</sub> O <sub>5</sub>
<b>Molecule Mass</b>	312.31
<b>Chemical Name</b>	3,5,7,8-Tetrahydro-2-[4-(trifluoromethyl)phenyl]-4H-thiopyrano[4,3-d]pyrimidin-4-one
<b>SMILES</b>	<chem>OC1=C(CSCC2)C2=NC(C3=CC=C(C(F)(F)F)C=C3)=N1</chem>
<b>Target</b>	Tankyrase
<b>Biological Activity</b>	XAV 939 is a potent inhibitor of tankyrase 1 (TNKS1, IC <sub>50</sub> = 11 nM) and tankyrase 2 (TNKS2, IC <sub>50</sub> = 4 nM). By inhibiting tankyrase, it stabilizes axin and stimulates β-catenin degradation, thereby antagonizing Wnt signaling.
<b>Appearance</b>	Solid
<b>Color</b>	White to off-white
<b>Solubilization</b>	The compound is soluble to 20 mM in DMSO
Storage & Handling	
<b>Storage</b>	Store at room temperature.
<b>Shipping Information</b>	Room temperature

⚠ For preclinical research and development use only; not intended for therapeutic or other applications.