

Product Name: WIKI4

Cat. No.: SMOC-2603-CXX-044

Description: A high-potency inhibitor of tankyrase 1 and 2 enzymes.

Product Details	
Size	5 mg/25 mg
Purity	≥98%
Formula	C29H23N5O3S
Molecule Mass	521.59
Chemical Name	2-[3-[[4-(4-Methoxyphenyl)-5-(4-pyridinyl)-4H-1,2,4-triazol-3-yl]thio]propyl]-1H-benz[de]isoquinoline-1,3(2H)-dione
SMILES	<chem>O=C(C5=C4C(C6=O)=CC=CC4=CC=C5)N6CCCSC1=NN=C(C3=CC=NC=C3)N1C2=CC=C(OC)C=C2</chem>
Target	Tankyrase
Biological Activity	WIKI4 is an inhibitor of Wnt/ β -catenin signaling, with an EC ₅₀ of approximately 75 nM. It acts by inhibiting the auto-ADP-ribosylation of tankyrase 2 (TNKS2) (IC ₅₀ \approx 15 nM), which prevents the ubiquitination and subsequent degradation of axin.
Appearance	Solid
Color	Off-white to light yellow
Solubilization	The compound is soluble to 10 mM in DMSO
Storage & Handling	
Storage	Store at -20°C
Shipping Information	Room temperature

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