



Product Information

PARP inhibitor WIKI4, Purity $\geq 98\%$

Cat. No.: X23-10-ZQ246

Size: 10 mg; 25 mg; 50 mg; 100 mg

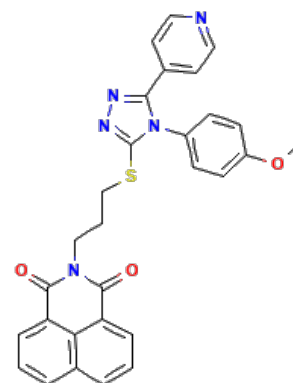
MDL: MFCD05885187

CAS Number: 838818-26-1

Compound CID: 2984337

Synonym: 838818-26-1; WIKI4; WIKI-4; 2-[3-[[4-(4-Methoxyphenyl)-5-pyridin-4-yl-1,2,4-triazol-3-yl]sulfonyl]propyl]benzo[de]isoquinoline-1,3-dione; PARP inhibitor

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	WIKI4, soluble in warmed DMSO and insoluble in water and ethanol, binds to the PARP enzyme's active site, preventing it from repairing single-strand DNA breaks. It targets TNKS2.
Molecular Weight	521.59
Targets	TNKS2: 15 nM
IUPAC Name	2-[3-[[4-(4-Methoxyphenyl)-5-pyridin-4-yl-1,2,4-triazol-3-yl]sulfonyl]propyl]benzo[de]isoquinoline-1,3-dione
InChI	InChI=1S/C29H23N5O3S/c1-37-22-11-9-21(10-12-22)34-26(20-13-15-30-16-14-20)31-32-29(34)38-18-4-17-33-27(35)23-7-2-5-19-6-3-8-24(25(19)23)28(33)36/h2-3,5-16H,4,17-18H2,1H3
InChI Key	RNUXIZKXJOGYQP-UHFFFAOYSA-N
Canonical SMILES	<chem>COC1=CC=C(C=C1)N2C(=NN=C2SCCCN3C(=O)C4=CC=CC5=C4C(=CC=C5)C3=O)C6=CC=NC=C6</chem>
Form	Lyophilized powder
Purity	$\geq 98\%$
Solubility	Warmed DMSO: 7 mg/mL (13.42 mM); Water: Insoluble; Ethanol: Insoluble
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	WIKI4 can be used to explore tankyrase inhibition and its effects on Wnt signaling.
Storage	Store at -20°C .