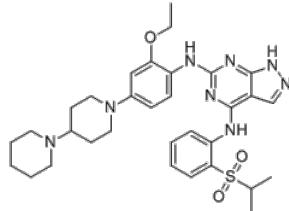


<b>Product Name</b>	: WZ-4-49-8
<b>Synonyms</b>	: WZ-4-49-8; WZ 4 49 8; WZ4498
<b>Cat No.</b>	: M10441
<b>CAS Number</b>	: 1125594-27-5
<b>Molecular Formula</b>	: C <sub>32</sub> H <sub>42</sub> N <sub>8</sub> O <sub>3</sub> S
<b>Formula Weight</b>	: 618.80
<b>Chemical Name</b>	: N6-(4-[1,4'-Bipiperidin]-1'-yl-2-ethoxyphenyl)-N4-[2-[(1-methylethyl)sulfonyl]phenyl]-1H-pyrazolo[3,4-d]pyrimidine-4,6-diamine
<b>Description</b>	: WZ-4-49-8 is a potent, selective c-Fes protein-tyrosine kinase inhibitor with IC <sub>50</sub> of 67 nM; displays an exceptional selectivity profile with a selectivity score of only 0.027 in a panel of 442 kinases; inhibits c-Fes-L145P autophosphorylation and microtubule association in at least a subset of cells, and potently inhibits c-Fes-L145P-mediated soft agar colony growth; dramatically inhibits osteoclast differentiation in RAW 264.7 macrophage cell line.
<b>Pathway</b>	: Tyrosine Kinase
<b>Target</b>	: c-Fes Kinase
<b>Receptor</b>	: c-Fes Kinase
<b>Solubility</b>	: —
<b>SMILES</b>	: O=S(C1=CC=CC=C1NC2=C3C(NN=C3)=NC(NC4=CC=C(N5CCCC(N6CCCCCC6)CC5)C=C4OCC)=N2)(C(C)C)=O
<b>Storage</b>	: (-20°C)
<b>Stability</b>	: ≥ 2 years
<b>Reference</b>	:



1. Hellwig S, et al. Chem Biol. 2012 Apr 20;19(4):529-40. | 2. Weir MC, et al. PLoS One. 2017 Jul 20;12(7):e0181178.