

## Product Information

### PI3K inhibitor PIK-294, Purity ≥98%

**Cat. No.:** X24-05-ZQ143

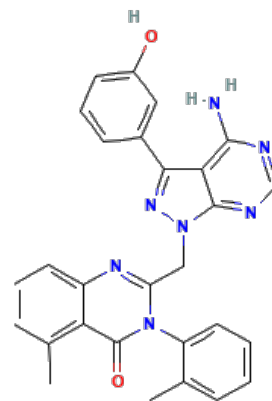
**Size:** 5 mg; 10 mg; 50 mg; 100 mg

**CAS Number:** 900185-02-6

**Compound CID:** 24905149

**Synonym:** 900185-02-6; PIK294; PI3K inhibitor

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



#### Product Information

<b>Description</b>	PIK-294 is a potent compound that inhibits PI3 kinase activity. It targets p110β, p110δ, and p110γ.
<b>Molecular Weight</b>	489.5
<b>Molecular Formula</b>	C <sub>28</sub> H <sub>23</sub> N <sub>7</sub> O <sub>2</sub>
<b>Targets</b>	p110β: 490 nM; p110δ: 10 nM; p110γ: 160 nM
<b>IUPAC Name</b>	2-[[4-Amino-3-(3-hydroxyphenyl)pyrazolo[3,4-d]pyrimidin-1-yl]methyl]-5-methyl-3-(2-methylphenyl)quinazolin-4-one
<b>InChI</b>	InChI=1S/C28H23N7O2/c1-16-7-3-4-12-21(16)35-22(32-20-11-5-8-17(2)23(20)28(35)37)14-34-27-24(26(29)30-15-31-27)25(33-34)18-9-6-10-19(36)13-18/h3-13,15,36H,14H2,1-2H3,(H2,29,30,31)
<b>InChI Key</b>	WFLJOPRIJSOJR-UHFFFAOYSA-N
<b>Canonical SMILES</b>	CC1=C2C(=CC=C1)N=C(N(C2=O)C3=CC=CC=C3C)CN4C5=NC=NC(=C5C(=N4)C6=CC(=CC=C6)O)N
<b>Form</b>	Lyophilized powder
<b>Purity</b>	≥98%
<b>Identity</b>	Confirmed by NMR/HPLC/MS.
<b>Stability</b>	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
<b>Applications</b>	PIK-294 is used to inhibit PI3Kγ/δ in cellular and cancer research.
<b>Storage</b>	Store at -20°C.