

## Product Information

### Stat inhibitor STAT5-IN-2, Purity $\geq 98\%$

**Cat. No.:** X23-10-ZQ1021

**Size:** 1 mg; 2 mg; 5 mg; 10 mg; 25 mg

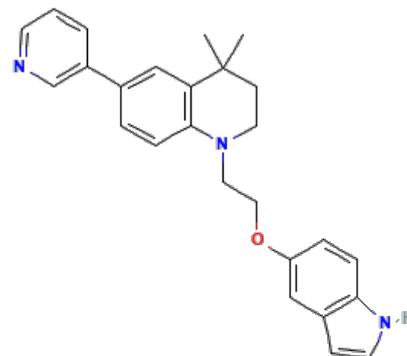
**CAS Number:** 2111834-61-6

**Compound CID:** 137628635

**Synonym:** STAT5-IN-2; 2111834-61-6; SCHEMBL24487477; EX-A3780;

AKOS040742650; Stat inhibitor

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



#### Product Information

<b>Description</b>	STAT5-IN-2 is an inhibitor of STAT activation and signaling activity. It targets STAT5.
<b>Molecular Weight</b>	397.51
<b>Molecular Formula</b>	C <sub>26</sub> H <sub>27</sub> N <sub>3</sub> O
<b>Targets</b>	STAT5: 9 $\mu$ M (EC <sub>50</sub> , in K562 cells); STAT5: 5 $\mu$ M (EC <sub>50</sub> , in KU812 cells)
<b>IUPAC Name</b>	1-[2-(1 <i>H</i> -Indol-5-yloxy)ethyl]-4,4-dimethyl-6-pyridin-3-yl-2,3-dihydroquinoline
<b>InChI</b>	InChI=1S/C26H27N3O/c1-26(2)10-13-29(14-15-30-22-6-7-24-20(16-22)9-12-28-24)25-8-5-19(17-23(25)26)21-4-3-11-27-18-21/h3-9,11-12,16-18,28H,10,13-15H2,1-2H3
<b>InChI Key</b>	BELIZDRKUICBJC-UHFFFAOYSA-N
<b>Canonical SMILES</b>	CC1(CCN(C2=C1C=C(C=C2)C3=CN=CC=C3)CCOC4=CC5=C(C=C4)NC=C5)C
<b>Form</b>	Lyophilized powder
<b>Purity</b>	$\geq 98\%$
<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>	STAT5-IN-2 is employed to inhibit STAT5 activity, useful in hematopoietic cancer research.
<b>Storage</b>	Store at -20°C.