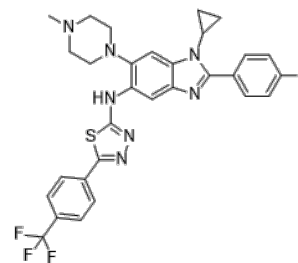


**Product Name** : LZJ66  
**Cat. No.** : PC-25251  
**CAS No.** : 2768427-54-7  
**Molecular Formula** : C<sub>30</sub>H<sub>27</sub>F<sub>4</sub>N<sub>7</sub>S  
**Molecular Weight** : 593.65  
**Target** : STAT  
**Solubility** : 10 mM in DMSO



CAS: 2768427-54-7

## Biological Activity

LZJ66 (STAT3-IN-20, Compound 40) is a potent, selective STAT3 inhibitor, inhibits L-6/JAK/STAT3 signaling pathway with IC<sub>50</sub> of 0.65 μM.

LZJ66 (STAT3-IN-20, Compound 40) has a lower IC<sub>50</sub> value of 0.65 μM than positive control Stattic (IC<sub>50</sub> = 2.21 μM).

LZJ66 (STAT3-IN-20, Compound 40) exhibits significant antiproliferative effect against DU145 cells with an IC<sub>50</sub> value of 2.97 μM.

LZJ66 (STAT3-IN-20, Compound 40) directly bind and target the STAT3 protein to inhibit the function of the STAT3 SH2 domain with an intensity equivalent to that of the Stattic positive control.

## References

Wang R, et al. J Med Chem. 2023 Sep 14;66(17):12373-12395.

Wang R, et al. Eur J Med Chem. 2025 Aug 5;298:118020.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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