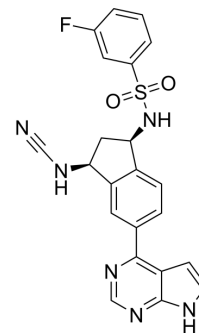


## JAK3 covalent inhibitor-1

Cat. No.:	HY-119935
CAS No.:	2300106-50-5
Molecular Formula:	C <sub>22</sub> H <sub>17</sub> FN <sub>6</sub> O <sub>2</sub> S
Molecular Weight:	448.47
Target:	JAK
Pathway:	Epigenetics; JAK/STAT Signaling; Protein Tyrosine Kinase/RTK; Stem Cell/Wnt
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	JAK3 covalent inhibitor-1 is a potent and selective janus kinase 3 (JAK3) covalent inhibitor with an IC <sub>50</sub> of 11 nM and shows 246-fold selectivity vs other JAKs <sup>[1]</sup> .
IC <sub>50</sub> & Target	JAK3 11 nM (IC <sub>50</sub> )

### REFERENCES

[1]. Casimiro-Garcia A, et al. Identification of Cyanamide-Based Janus Kinase 3 (JAK3) Covalent Inhibitors. J Med Chem. 2018 Dec 13;61(23):10665-10699.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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