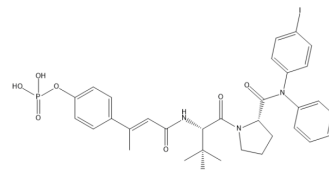


## STAT6-IN-1

Cat. No.:	HY-148096
CAS No.:	1637532-68-3
Molecular Formula:	C <sub>33</sub> H <sub>37</sub> IN <sub>3</sub> O <sub>7</sub> P
Molecular Weight:	745.54
Target:	STAT
Pathway:	JAK/STAT Signaling; Stem Cell/Wnt
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	STAT6-IN-1 (compound 19a) is a STAT6 inhibitor with a high affinity for the SH2 domain of STAT6 (IC <sub>50</sub> =0.028 μM). STAT6-IN-1 can be used in studies of allergic lung disease, allergic rhinitis, chronic obstructive pulmonary disease or cancer <sup>[1][2]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : 0.028 μM (SH2) <sup>[1]</sup> .

### REFERENCES

[1]. Mandal PK, et al. Targeting the Src Homology 2 (SH2) Domain of Signal Transducer and Activator of Transcription 6 (STAT6) with Cell-Permeable, Phosphatase-Stable Phosphopeptide Mimics Potently Inhibits Tyr641 Phosphorylation and Transcriptional Activity. *J Med Chem*. 2015 Nov 25;58(22):8970-84.

[2]. John S, et al. Stat6 inhibitors. Patent WO2014182928A2.

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

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