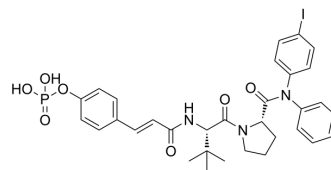


STAT6-IN-3

Cat. No.:	HY-153992		
CAS No.:	371919-80-1		
Molecular Formula:	C ₃₂ H ₃₅ IN ₃ O ₇ P		
Molecular Weight:	731.51		
Target:	STAT		
Pathway:	JAK/STAT Signaling; Stem Cell/Wnt		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description

STAT6-IN-3 (Compound 18a) is a STAT6 inhibitor (IC₅₀= 44 nM). STAT6-IN-3 targets the Src Homology 2 (SH2) domain of STAT6. STAT6-IN-3 can be used for research of inflammation such as asthma^[1].

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.

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

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