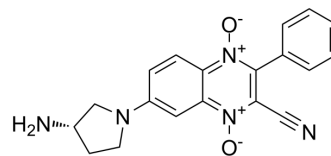


## HIF-1 $\alpha$ -IN-3

Cat. No.:	HY-147813
CAS No.:	2170715-64-5
Molecular Formula:	C <sub>19</sub> H <sub>17</sub> N <sub>5</sub> O <sub>2</sub>
Molecular Weight:	347.37
Target:	HIF/HIF Prolyl-Hydroxylase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	HIF-1 $\alpha$ -IN-3 (Compound (S)-3f) is a hypoxia-selective HIF-1 $\alpha$ inhibitor. HIF-1 $\alpha$ -IN-3 shows strong antiestrogenic potency <sup>[1]</sup> .
IC <sub>50</sub> & Target	HIF-1 $\alpha$ <sup>[1]</sup>

### REFERENCES

[1]. Buravchenko GI, et al. Discovery of derivatives of 6(7)-amino-3-phenylquinoxaline-2-carbonitrile 1,4-dioxides: novel, hypoxia-selective HIF-1 $\alpha$  inhibitors with strong antiestrogenic potency. *Bioorg Chem.* 2020 Nov;104:104324.

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

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