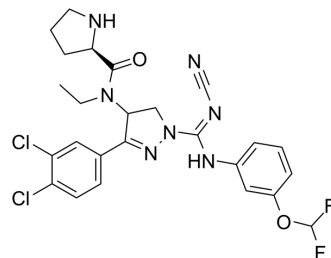


## SMYD2-IN-1

<b>Cat. No.:</b>	HY-111810
<b>CAS No.:</b>	2023788-96-5
<b>Molecular Formula:</b>	C <sub>25</sub> H <sub>25</sub> Cl <sub>2</sub> F <sub>2</sub> N <sub>7</sub> O <sub>2</sub>
<b>Molecular Weight:</b>	564.41
<b>Target:</b>	Histone Methyltransferase
<b>Pathway:</b>	Epigenetics
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	SMYD2-IN-1 is a SMYD2 inhibitor extracted from patent WO2016166186A1, compound example 1.1, has an IC <sub>50</sub> of 4.45 nM <sup>[1]</sup> .
<b>IC<sub>50</sub> &amp; Target</b>	IC <sub>50</sub> : 4.45 nM (SMYD2) <sup>[1]</sup>

### REFERENCES

[1]. Timo Stellfeld, et al. Novel aryl-cyanoguanidine compounds. WO2016166186A1.

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

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