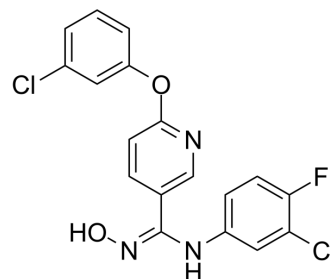


## IDO1-IN-14

<b>Cat. No.:</b>	HY-144274
<b>Molecular Formula:</b>	C <sub>18</sub> H <sub>12</sub> Cl <sub>2</sub> FN <sub>3</sub> O <sub>2</sub>
<b>Molecular Weight:</b>	392.21
<b>Target:</b>	Indoleamine 2,3-Dioxygenase (IDO)
<b>Pathway:</b>	Metabolic Enzyme/Protease
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	IDO1-IN-14 (compound 4a) is a potent IDO1 inhibitor with an IC <sub>50</sub> of 396.9 nM. IDO1-IN-14 has cellular IDO1 inhibition (HeLa EC <sub>50</sub> =3393 nM) <sup>[1]</sup> .
<b>IC<sub>50</sub> &amp; Target</b>	IDO1 396.9 nM (EC50)

### REFERENCES

[1]. Yeh TK, et al. Discovery and development of a novel N-(3-bromophenyl)-[[(phenylcarbamoyl)amino]methyl]-N-hydroxythiophene-2-carboximidamide indoleamine 2,3-dioxygenase inhibitor using knowledge-based drug design. Eur J Med Chem. 2022;229:114043.

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

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