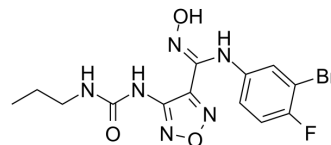


## IDO1-IN-15

Cat. No.:	HY-144465
CAS No.:	2126853-17-4
Molecular Formula:	C <sub>13</sub> H <sub>14</sub> BrFN <sub>6</sub> O <sub>3</sub>
Molecular Weight:	401.19
Target:	Indoleamine 2,3-Dioxygenase (IDO)
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	IDO1-IN-15 is a potent IDO1 inhibitor (IC <sub>50</sub> =127 nM). IDO1-IN-15 has comparable potency against IDO1 enzyme in vitro with Epacadostat <sup>[1]</sup> .
IC <sub>50</sub> & Target	IDO1 127 nM (IC <sub>50</sub> )
In Vitro	Cas9-IN-2 is a potent Cas9 inhibitor (IC <sub>50</sub> =246 μM), Cas9-IN-2 acts by binding to apo-Cas9 to prevent Cas9:gRNA complex formation, which can potentially be applied to modulate and control Cas9 activity in various applications <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Wu Y, et al. Discovery of novel IDO1 inhibitors targeting the protein's apo form through scaffold hopping from holo-IDO1 inhibitor. *Bioorg Med Chem Lett.* 2021;52:128373.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA