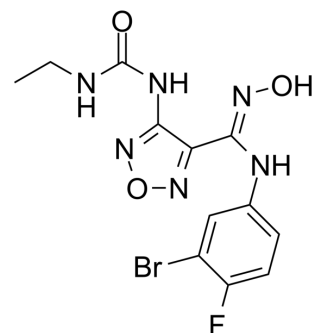


## IDO1-IN-22

Cat. No.:	HY-149982
CAS No.:	2126853-16-3
Molecular Formula:	C <sub>12</sub> H <sub>12</sub> BrFN <sub>6</sub> O <sub>3</sub>
Molecular Weight:	387.16
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-22 (Compound 3) is a IDO1 inhibitor (biochemical hIDO1 IC<sub>50</sub>: 67.4 nM, HeLa hIDO1 IC<sub>50</sub>: 17.6 nM). IDO1-IN-22 has excellent antitumor efficacy in LLC xenograft model, as well as desirable pharmacokinetic (PK) profile<sup>[1]</sup>.

## REFERENCES

[1]. Ye K, et al. Design, synthesis, biological evaluation of urea substituted 1,2,5-oxadiazole-3-carboximidamides as novel indoleamine 2,3-dioxygenase-1 (IDO1) inhibitors. Eur J Med Chem. 2023 Mar 15;250:115217.

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

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