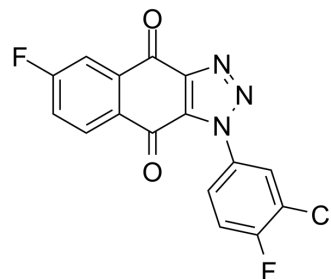


IDO1/TDO-IN-3

Cat. No.:	HY-146674
CAS No.:	2347579-03-5
Molecular Formula:	C ₁₆ H ₆ ClF ₂ N ₃ O ₂
Molecular Weight:	345.69
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/TDO-IN-3 is a potent inhibitor of IDO1/TDO. IDO1/TDO-IN-3 exhibits significant activities against IDO1 (IC₅₀: 0.005 μM) and TDO (IC₅₀: 0.004 μM). IDO1/TDO-IN-3 shows considerable in vivo anti-tumor activity and no obvious toxicity is observed [1].

REFERENCES

[1]. Pan S, et al. Discovery and structure-activity relationship studies of 1-aryl-1H-naphtho[2,3-d][1,2,3]triazole-4,9-dione derivatives as potent dual inhibitors of indoleamine 2,3-dioxygenase 1 (IDO1) and tryptophan 2,3-dioxygenase (TDO). *Eur J Med Chem.* 2020 Dec 1;207:112703.

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

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