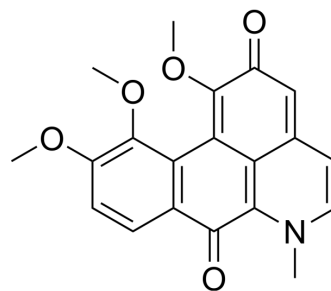


IDO1/TDO-IN-6

| | |
|--------------------|---|
| Cat. No.: | HY-149411 |
| CAS No.: | 2948772-71-0 |
| Molecular Formula: | C ₂₀ H ₁₇ NO ₅ |
| Molecular Weight: | 351.35 |
| 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-6 (compound 11) is a dual inhibitor of IDO1/TDO with IC₅₀s of 2.25 and 2.89 μM, respectively. IDO1/TDO-IN-6 has inhibitory effects on IDO1 and TDO, with K_i values of 1.9 and 3.1 μM, respectively. IDO1/TDO-IN-6 can be used in cancer and immunology research^[1].

REFERENCES

[1]. Mei-Fen Bao, et al. Discovery and biological evaluation of a new type of dual inhibitors of indoleamine 2,3-dioxygenase 1 and tryptophan 2,3-dioxygenase from ethnomedicinal plant *Dactylicapnos scandens*. *Phytochemistry*. 2023, 214:113794.

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

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