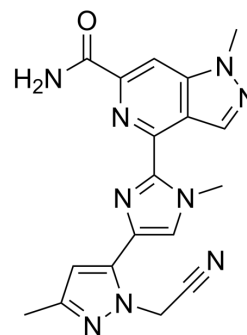


STING modulator-3

Cat. No.:	HY-148606
CAS No.:	2839639-94-8
Molecular Formula:	C ₁₈ H ₁₇ N ₉ O
Molecular Weight:	375.39
Target:	STING
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	STING modulator-3 is a STING inhibitor. STING modulator-3 inhibits R232 STING with an K _i value of 43.1 nM in scintillation proximity assay. STING modulator-3 has no effect on IRF-3 activation or TNF-β induction in THP-1 cells ^[1] .
In Vitro	STING modulator-3 (AIP01) (10 μM; 3 h or 24 h) has no effect on phosphorylation of IRF-3 at 3 h, or on induction of TNF-β at 24 h in THP-1 cells ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Gajiwala KS, et al. Imidazole derivatives as STING modulators and their preparation, pharmaceutical compositions and use in the treatment of cancer: World Intellectual Property Organization, WO2022195462. 2022-09-22.

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

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