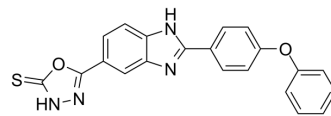


mPGES-1-IN-1

Cat. No.:	HY-144238
CAS No.:	2914158-00-0
Molecular Formula:	C ₂₁ H ₁₄ N ₄ O ₂ S
Molecular Weight:	386.43
Target:	PGE synthase
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	MPGES-1 is considered as a promising therapeutic target of the next generation anti-inflammatory drugs in the research of inflammatory diseases. The IC_{50} value of mPGES-1-IN-1 is 0.03 μ M.
IC ₅₀ & Target	mPGES-1 0.03 μ M (IC ₅₀)

REFERENCES

[1]. Ergül AG, et al. Novel potent benzimidazole-based microsomal prostaglandin E2 synthase-1 (mPGES-1) inhibitors derived from BRP-201 that also inhibit leukotriene C4 synthase. *Eur J Med Chem.* 2022 Mar 5;231:114167.

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

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