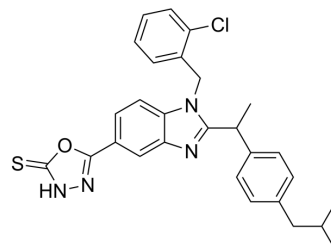


BRP-201

Cat. No.:	HY-144237
CAS No.:	2227434-74-2
Molecular Formula:	C ₂₈ H ₂₇ ClN ₄ OS
Molecular Weight:	503.06
Target:	PGE synthase
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Brp-201 is considered as a promising therapeutic target for the next generation of anti-inflammatory drugs in the research of inflammatory diseases. It is a new, effective and selective inhibitor of mPGES-1 with an IC ₅₀ value of 0.42 μM.
IC ₅₀ & Target	mPGES-1 0.42 μM (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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA