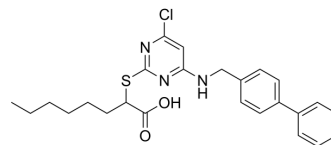


## CAY10589

Cat. No.:	HY-117008
CAS No.:	1077626-52-8
Molecular Formula:	C <sub>25</sub> H <sub>28</sub> ClN <sub>3</sub> O <sub>2</sub> S
Molecular Weight:	470.03
Target:	PGE synthase
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

CAY10589 is an inhibitor of mPGES-1, an enzyme induced during inflammatory responses. CAY10589 has no significant effect on the differentiation of BM myeloid precursor cells into M2-like TAMs<sup>[1][2]</sup>.

## REFERENCES

- [1]. Wiegard A, et al. Pyrrole alkanolic acid derivatives as nuisance inhibitors of microsomal prostaglandin E2 synthase-1. *Eur J Med Chem.* 2012 Feb;48:153-63.
- [2]. Li L, et al. Targeting the lipid metabolic reprogramming of tumor-associated macrophages: A novel insight into cancer immunotherapy. *Cell Oncol (Dordr).* 2023 Sep 30.

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

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