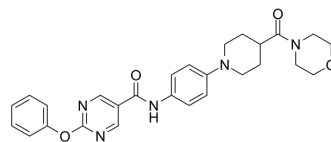


## TFC 007

Cat. No.:	HY-110167
CAS No.:	927878-49-7
Molecular Formula:	C <sub>27</sub> H <sub>29</sub> N <sub>5</sub> O <sub>4</sub>
Molecular Weight:	487.55
Target:	PGE synthase; Ligands for Target Protein for PROTAC
Pathway:	Immunology/Inflammation; PROTAC
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

TFC-007, a selective hematopoietic prostaglandin D synthase (H-PGDS) inhibitor, show high inhibitory activity against H-PGDS enzyme (IC<sub>50</sub> value of 83 nM). TFC-007 can be used for composing H-PGDS degradation inducer PROTAC(H-PGDS)-1 (TFC-007 binds to H-PGDS, and Pomalidomide binds to cereblon)<sup>[1]</sup>.

## REFERENCES

[1]. Hidetomo Yokoo, et al. Development of a Hematopoietic Prostaglandin D Synthase-Degradation Inducer. ACS Med Chem Lett. 2021 Jan 14;12(2):236-241.

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

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