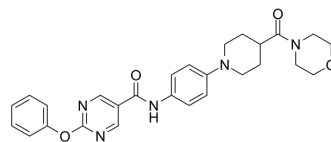


TFC 007

Cat. No.:	HY-110167
CAS No.:	927878-49-7
Molecular Formula:	C ₂₇ H ₂₉ N ₅ O ₄
Molecular Weight:	487.55
Target:	PGE synthase; Ligands for Target Protein for PROTAC
Pathway:	Immunology/Inflammation; PROTAC
Storage:	Powder -20°C 3 years In solvent -80°C 6 months -20°C 1 month



BIOLOGICAL ACTIVITY

Description

TFC-007, a selective hematopoietic prostaglandin D synthase (H-PGDS) inhibitor, show high inhibitory activity against H-PGDS enzyme (IC₅₀ 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)^[1].

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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