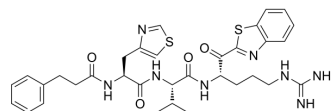


TMPRSS6-IN-1

Cat. No.:	HY-130136
CAS No.:	2088415-78-3
Molecular Formula:	C ₃₃ H ₄₀ N ₈ O ₄ S ₂
Molecular Weight:	676.85
Target:	Ser/Thr Protease
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	TMPRSS6-IN-1 (compound 8) is a potent inhibitor of TMPRSS6 (Matriptase-2), belonging to TTSPs (transmembrane serine protease). TMPRSS6, is a type II TTSP, the genetic reduction of which will improve symptoms of hemochromatosis and beta thalassemia in mice ^[1] .
IC ₅₀ & Target	TMPRSS6 (Matriptase-2) ^[1]

REFERENCES

[1]. St-Georges C, et al. Modulating the selectivity of matriptase-2 inhibitors with unnatural amino acids. *Eur J Med Chem.* 2017 Mar 31;129:110-123.

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