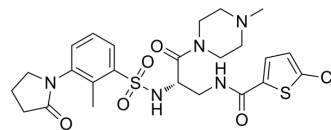


## SAR107375

Cat. No.:	HY-12605
CAS No.:	1184300-63-7
Molecular Formula:	C <sub>24</sub> H <sub>30</sub> ClN <sub>5</sub> O <sub>5</sub> S <sub>2</sub>
Molecular Weight:	568.11
Target:	Thrombin
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

Description	SAR107375 is a potent and orally active dual thrombin and factor Xa inhibitor, with K <sub>i</sub> values of 1 nM and 8 nM for factor Xa and thrombin, respectively <sup>[1]</sup> .
IC <sub>50</sub> & Target	Ki: 1 nM (thrombin), 8 nM (factor Xa) <sup>[1]</sup> .

## REFERENCES

[1]. Jerome Meneyrol, et al. 5-Chlorothiophene-2-carboxylic acid [(S)-2-[2-methyl-3-(2-oxopyrrolidin-1-yl)benzenesulfonylamino]-3-(4-methylpiperazin-1-yl)-3-oxopropyl]amide (SAR107375), a selective and potent orally active dual thrombin and factor Xa inhibitor. *J Med Chem.* 2013 Dec 12;56(23):9441-56.

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

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