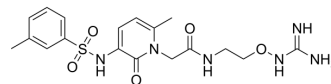


## RWJ-445167

Cat. No.:	HY-19373
CAS No.:	226566-43-4
Molecular Formula:	C <sub>18</sub> H <sub>24</sub> N <sub>6</sub> O <sub>5</sub> S
Molecular Weight:	436.49
Target:	Thrombin; Factor Xa
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	RWJ-445167 (3DP-10017) is a dual inhibitor of thrombin and factor Xa with K <sub>i</sub> of 4.0 nM and 230 nM, respectively, exhibiting potent antithrombotic activity.
IC <sub>50</sub> & Target	Ki: 4.0 nM (thrombin), 230 nM (factor Xa) <sup>[1]</sup>

### REFERENCES

[1]. RWJ-445167, et al. Exploration of potential prodrugs of RWJ-445167, an oxyguanidine-based dual inhibitor of thrombin and factor Xa. Chem Biol Drug Des. 2006 Jul;68(1):29-36.

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

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