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**Product Data Sheet**

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Product Name: RWJ-445167 (3DP-10017)

Cat. No.: GC32567

**Chemical Properties**

Cas. No. 226566-43-4

SMILES O=C(NCCONC(N)=N)CN1C(C)=CC=C(NS(=O))(C2=CC=CC(C)=C2)=O)C1=OFormula  $C_{18}H_{24}N_6O_5S$  M.Wt 436.49

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

RWJ-445167 is a dual inhibitor of thrombin and factor Xa with  $K_i$  of 4.0 nM and 230 nM, respectively, exhibiting potent antithrombotic activity.

[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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