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**Product Data Sheet**

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Product Name: Milvexian

Cat. No.: GC63873

**Chemical Properties**

Cas. No. 1802425-99-5

Formula C<sub>28</sub>H<sub>23</sub>Cl<sub>2</sub>F<sub>2</sub>N<sub>9</sub>O<sub>2</sub>

M.Wt 626.44

Solubility DMSO :  $\geq$  100 mg/mL (159.63 mM)

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**

Milvexian (BMS-986177), an effective antithrombotic agent, is an orally-bioavailable, reversible and direct inhibitor of human and rabbit factor XIa (FXIa) with  $K_i$  of 0.11, and 0.38 nM, respectively[1].

[1]. Wong P, et al. Small-Molecule Factor XIa Inhibitor, BMS-986177/JNJ-70033093, Prevents and Treats Arterial Thrombosis in Rabbits at Doses that Preserve Hemostasis [abstract]. Res Pract Thromb Haemost. 2020; 4 (Suppl 1).

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

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