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**Product Data Sheet**

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Product Name: FTX-6058 hydrochloride

Cat. No.: GC63546

**Chemical Properties**

Cas. No. 2490676-19-0

Formula  $C_{22}H_{19}ClFN_5O_2$ 

M.Wt 439.87

Solubility DMSO : 125 mg/mL (284.17 mM; ultrasonic and warming and heat to 60°C)

Storage 4°C, away from moisture

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**

FTX-6058 hydrochloride is a potent and orally active inhibitor of Embryonic Ectoderm Development (EED). FTX-6058 hydrochloride can induce HbF protein expression in cell and murine models. FTX-6058 hydrochloride can be used for the research of select hemoglobinopathies, including sickle cell disease and  $\beta$ -thalassemia[1][2].

FTX-6058 hydrochloride inhibits PRC2 via binding to EED, which induces robust HbF protein expression in both cell and murine models[2].

[1]. Boerner LK. Virtual meeting delivers first time drug structures. April 12, 2021.

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

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