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**Product Data Sheet**

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Product Name: GSK3368715 (EPZ019997) 3HCl

Cat. No.: GC25483

**Chemical Properties**

Cas. No. 2227587-26-8

Formula C<sub>20</sub>H<sub>41</sub>Cl<sub>3</sub>N<sub>4</sub>O<sub>2</sub>

M.Wt 475.92

Solubility DMSO: 81 mg/mL (170.20 mM);Water: 81 mg/mL (170.20 mM);Ethanol: 81 mg/mL (170.20 mM)

Store  
Storage 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**

GSK3368715 is a potent inhibitor of type I protein arginine methyltransferases (PRMT) that inhibits PRMT1, 3, 4, 6 and 8 with Kiapp vaules ranging from 1.5 to 81 nM.

GSK3368715 is a potent, reversible, SAM uncompetitive inhibitor of type I PRMTs that produces a shift in arginine methylation states on hundreds of substrates from ADMA to MMA and SDMA. As a monotherapy, GSK3368715 induces anti-proliferative effects on cell lines from a broad range of hematological and solid tumor types in vitro.[1]

GSK3368715 has potent, anti-proliferative activity across cell lines representing a range of solid and hematological malignancies and can completely inhibit tumor growth or cause regressions of tumor models in vivo.[1]

[1] Andrew Fedoriw, et al. Cancer Cell. 2019 Jul 8;36(1):100-114.e25.

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

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