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**Product Data Sheet**

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Product Name: MELK-8a Dihydrochloride

Cat. No.: GC25626

**Chemical Properties**

Cas. No. 1922153-17-0 (free base)

Formula C<sub>25</sub>H<sub>34</sub>Cl<sub>2</sub>N<sub>6</sub>O

M.Wt 505.48

Solubility DMSO: 3 mg/mL (5.93 mM);Water: 22 mg/mL (43.52 mM);Ethanol: Insoluble

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**

MELK-8a Dihydrochloride is a novel inhibitor of maternal embryonic leucine zipper kinase (MELK) with an IC<sub>50</sub> of 2 nM.

[1] B Barry TourÉ, et al. J Med Chem. 2016 May 26;59(10):4711-23.

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

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