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**Product Data Sheet**

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Product Name: DNMT3A-IN-1

Cat. No.: GC65546

**Chemical Properties**

Cas. No. 1403598-56-0

Formula C<sub>30</sub>H<sub>38</sub>N<sub>6</sub>O<sub>4</sub> M.Wt 546.66

Solubility 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**

DNMT3A-IN-1 is a potent and selective DNMT3A inhibitor. DNMT3A-IN-1 shows inhibitor activities against DNMT3A with  $K_i$  values range from 9.16-18.85  $\mu$ M (AdoMet) and 11.37-23.34  $\mu$ M (poly dI-dC) [1].

[1]. Huang S, et al. A novel class of selective non-nucleoside inhibitors of human DNA methyltransferase 3A. *Bioorg Med Chem Lett.* 2021; 40:127908.

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

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