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**Product Data Sheet**

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Product Name: Dalpiciclib

Cat. No.: GC63419

**Chemical Properties**

Cas. No. 1637781-04-4

Formula  $C_{25}H_{30}N_6O_2$  M.Wt 446.54

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**

Dalpiciclib (SHR-6390), a highly selective, orally bioavailable CDK4/6 inhibitor with comparable potencies against CDK4 and CDK6, exerts potent antitumor activity in esophageal squamous cell carcinoma by inhibiting phosphorylated tumor-suppressor retinoblastoma protein (Rb) and inducing G1 cell cycle arrest. This product has poor solubility, animal experiments are available, cell experiments please choose carefully!

[1] Zhang P, et al. Biomark Res. 2021 Apr 12;9(1):24.

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

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