

Product Data Sheet

Product Name: Z57346765

Cat. No.: GC74679

Chemical Properties

Cas. No. 1016340-64-9

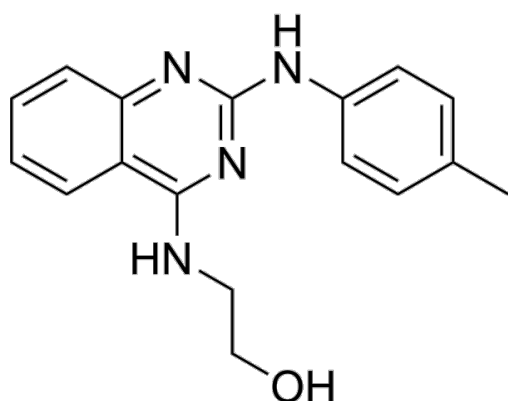
Formula $C_{17}H_{18}N_4O$ M.Wt 294.35

Solubility DMSO : ≥ 100 mg/mL (339.73 mM) Storage -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

Z57346765 is a PGK1-specific inhibitor that reduces the activity of metabolic enzymes in PGK1 glycolysis and inhibits PGK1-dependent cell proliferation. Z57346765 exerts inhibitory effects against clear cell renal cell carcinoma (KIRC).

References:

[1]. He Y, et al. Novel inhibitors targeting the PGK1 metabolic enzyme in glycolysis exhibit effective antitumor activity against kidney renal clear cell carcinoma in vitro and in vivo. Eur J Med Chem. 2024 Mar 5;267:116209.

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

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