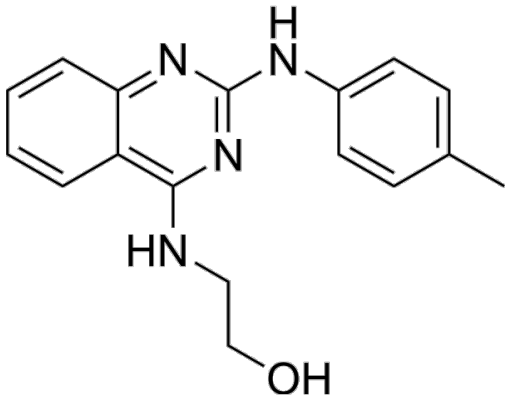
Product Data Sheet

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.
Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com
Address: 10292 Central Ave. #205, Montclair, CA, USA

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