
Product Data Sheet

Product Name: PKUMDL WQ 2201

Cat. No.: GC50509

Chemical Properties

Cas. No. 592474-91-4

SMILES CCNC(N/N=C/C1=CC=C(C2=CC(CI)=C(C(O)=O)C=C2)O1)=SFormula $C_{15}H_{14}ClN_3O_3S$ M.Wt 351.81

Solubility Soluble in DMSO 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**

Negative allosteric modulator of phosphoglycerate dehydrogenase (PHGDH) (IC₅₀ = 35.7 μM). Displays dose-dependent suppression of cell viability in a range of cancer cell lines. Inhibits tumor growth in a xenograft mouse model.

Wang et al (2017) Rational design of selective allosteric inhibitors of PHGDH and serine synthesis with anti-tumor activity. Cell Chem.Biol. 24 55 PMID:28042046

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

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