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**Product Data Sheet**

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Product Name: KuWal151

Cat. No.: GC50532

**Chemical Properties**

Cas. No. 2341841-06-1

SMILES O=C1C2=C(CN1)C=CC3=C2NC=C3C4=CC=CC(CI)=C4Formula  $C_{16}H_{11}ClN_2O$  M.Wt 282.72

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**

Potent and selective CLK inhibitor (IC<sub>50</sub> values are 28, 88 and 510 nM for CLK4, 1 and 2, respectively). Exhibits no significant activity at CLK3, DYRK, CDK or GSK3 at a concentration of 10 μM. Inhibits growth of a range of cancer cell lines in vitro at subnanomolar concentrations.

Walter et al (2018) Molecular structures of cdc2-like kinases in complex with a new inhibitor chemotype. PLoS One 13 e0196761 PMID:29723265

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

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