
Product Data Sheet

Product Name: CDK2-IN-4

Cat. No.: GC35632

Chemical Properties

Cas. No. 2079895-42-2

SMILES O=S(C1=CC=C(C=C1)NC2=NC3=NC=NC3=C(C4=CC(C5=CC=CC=C5)=CC=C4)N2)(N)=OFormula $C_{23}H_{18}N_6O_2S$ M.Wt 442.49

Solubility DMSO: 20.83 mg/mL (47.07 mM) Storage 4°C, away from moisture and light

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**

CDK2-IN-73 (CDK2-IN-4, CDK2 inhibitor 73) is a potent and selective inhibitor of CDK2 with IC50 of 44 nM for CDK2/cyclin A.

[1] Christopher R Coxon, et al. J Med Chem. 2017 Mar 9;60(5):1746-1767.

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

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