
Product Data Sheet

Product Name: CDK7-IN-2

Cat. No.: GC63980

Chemical Properties

Cas. No. 2326428-19-5

Formula C₂₆H₃₉N₇O₃

M.Wt 497.63

Solubility DMSO : 100 mg/mL (200.95 mM; Need ultrasonic)

Storage 4°C, protect from 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**

CDK7-IN-2 is a potent inhibitor of CDK7. CDK7 is implicated in both temporal control of the cell cycle and transcriptional activity. CDK7 is implicated in the transcriptional initiation process by phosphorylation of Rbpl subunit of RNA Polymerase II (RNAPII). CDK7 has the potential for the research of cancer disease, in particular aggressive and hard- to-treat cancers (extracted from patent WO2019099298A1, compound 1)[1].

[1]. David Andrew Coates, et al. Compounds useful for inhibiting cdk7. Patent WO2019099298A1.

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

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