
Product Data Sheet

Product Name: HQ461
Cat. No.: GC63854

Chemical Properties

Cas. No. 1226443-41-9

Formula C₁₅H₁₅N₅O₅S₂ M.Wt 345.44

Solubility 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

HQ461 is a molecular glue that promotes CDK12-DDB1 interaction to trigger cyclin K degradation. HQ461-mediated degradation of cyclin K impairs CDK12 function, resulting in decreased CDK12 substrate phosphorylation, downregulation of DNA damage response genes, and cell death[1].

[1]. Lv L, et al. Discovery of a molecular glue promoting CDK12-DDB1 interaction to trigger cyclin K degradation. *Elife*. 2020 Aug 17;9:e59994.

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

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