

## Product Data Sheet

Product Name: HA-9104

Cat. No.: GC73900

### Chemical Properties

Cas. No. 2412367-83-8

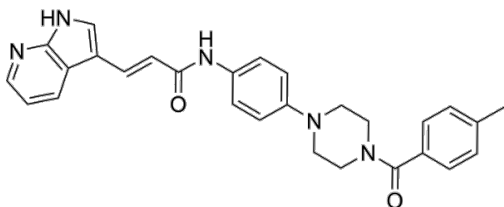
Formula  $C_{28}H_{27}N_5O_2$  M.Wt 465.55

Solubility DMSO : 100 mg/mL (214.80 mM; Storage -20°C  
Need ultrasonic)

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

HA-9104 is a potent and selective inhibitor of cullin-5 neddylation via virtually targeting the V30

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

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pocket of UBE2F. HA-9104 binds to UBE2F, reduces its protein levels, and consequently inhibits cullin-5 neddylation. HA-9104 has potent growth suppression and radiosensitizing activities via targeting the UBE2F-CRL5 axis and causing DNA damage, leading to induction of apoptosis and G2/M arrest in lung and pancreatic cancer cells.

### References:

[1]. Xu T, et al. A small molecule inhibitor of the UBE2F-CRL5 axis induces apoptosis and radiosensitization in lung cancer. *Signal Transduct Target Ther.* 2022 Oct 17;7(1):354.

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