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**Product Data Sheet**

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Product Name: AS-0141  
Cat. No.: GC63375

**Chemical Properties**

Cas. No. 1402057-88-8

Formula  $C_{21}H_{22}F_3N_5O_4$

M.Wt 465.43

Solubility DMSO : 83.33 mg/mL (179.04 mM; Need ultrasonic) 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**

AS-0141 (Cdc7-IN-6) is a potent Cdc7 kinase inhibitor ( $IC_{50}=4$  nM), extracted from patent WO2019165473A1, compound I- D, has anti-tumor activity[1][2].

AS-0141 (Cdc7-IN-6) demonstrates potent inhibitory activity ( $IC_{50}<3$   $\mu$ M) in a range of solid tumor cell lines, including those of bladder (5673, RT1 12/84), sarcoma (143B, CADO-ES1, RD-ES, A673), colon and cecum (Colo-205, DLD-I, LS1034, SK-CO-I, SNU-C1), renal (U0.31), head-and-neck (CNE-2Z, RPMI-2650), melanoma (A2058, A875), and gastric (HGC-27) lineages[1].

[1]. Christian Andrew HASSIG, et al. Methods of treatment of cancer comprising cdc7 inhibitors. WO2019165473A1.

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

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