

Product Data Sheet

Product Name: CD532 hydrochloride

Cat. No.: GC62189

Chemical Properties

Cas. No. 2926498-81-7

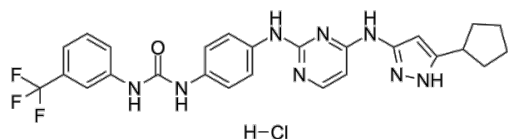
Formula $C_{26}H_{26}ClF_3N_8O$ M.Wt 558.99

Solubility DMSO : 100 mg/mL (178.89 mM; Need ultrasonic) Storage 4°C, sealed storage, away from moisture

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

CD532 hydrochloride is a potent Aurora A kinase inhibitor with an IC₅₀ of 45 nM. CD532 hydrochloride has the dual effect of blocking Aurora A kinase activity and driving degradation of MYCN. CD532 hydrochloride also can directly interact with AURKA and induces a global conformational shift. CD532 hydrochloride can be used for the research of cancer^{[1][2]}.

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

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References:

- [1]. Gustafson WC, et, al. Drugging MYCN through an allosteric transition in Aurora kinase A. *Cancer Cell*. 2014 Sep 8;26(3):414-427.
- [2]. Lee JK, et, al. N-Myc Drives Neuroendocrine Prostate Cancer Initiated from Human Prostate Epithelial Cells. *Cancer Cell*. 2016 Apr 11;29(4):536-547.

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