

Product Data Sheet

Product Name: CDDD11-8

Cat. No.: GC73970

Chemical Properties

Cas. No. 2241659-94-7

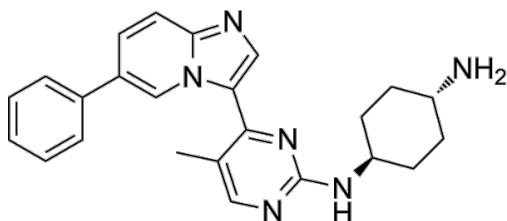
Formula $C_{24}H_{26}N_6$ M.Wt 398.5

Solubility DMSO : 100 mg/mL (250.94 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

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

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CDDD11-8 is an orally active, potent and selective inhibitor of CDK9 and FLT3-ITD, with K_i values of 8 and 13 nM, respectively. CDDD11-8 reduces the proliferation of leukemia cell lines and was particularly effective against those harboring FLT3-ITD mutation^{[1][2]}.

References:

- [1]. Anshabo AT, et al. An Orally Bioavailable and Highly Efficacious Inhibitor of CDK9/FLT3 for the Treatment of Acute Myeloid Leukemia. *Cancers (Basel)*. 2022 Feb 22;14(5):1113.
- [2]. Mustafa EH, et al. Selective inhibition of CDK9 in triple negative breast cancer. *Oncogene*. 2023 Nov 24.

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