

Product Data Sheet

Product Name: KMI169
Cat. No.: GC73754

Chemical Properties

Cas. No.

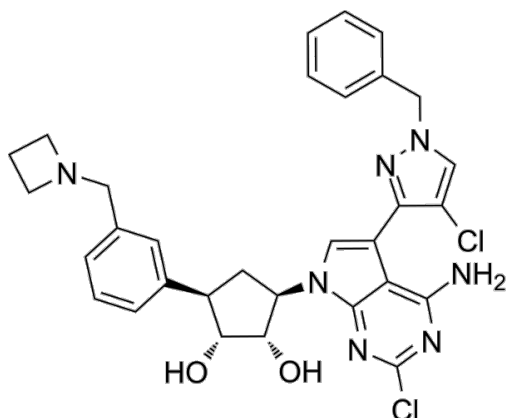
Formula $C_{31}H_{31}Cl_2N_7O_2$ M.Wt 604.53

Solubility DMSO : 100 mg/mL (165.42 mM; Need ultrasonic) Storage 4°C, protect from light, stored under nitrogen

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

KMI169 is a potent and selective bi-substrate inhibitor targeting the SAM and substrate binding pockets of KMT9. KMI169 can be used for the research of prostate cancer.

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

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References:

[1]. Wang S, et al. Structure-guided design of a selective inhibitor of the metltransferase KMT9 with cellular activity. Nat Commun. 2024 Jan 2;15(1):43.

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