
Product Data Sheet

Product Name: MT-4
Cat. No.: GC36660

Chemical Properties

Cas. No. 2327925-35-7

SMILES CN(C)C1=NC(NC2=CC=C(NC(CC3=CC=CC=C3)=O)C=C2)=NC(C)=C1

Formula C₂₁H₂₃N₅O M.Wt 361.44

Solubility Soluble in DMSO 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

MT-4 blocks the TG2/FN complex at the interface between cancer cells and the tumor niche. MT-4 inhibits the adhesion of ovarian cancer (OC) cells to the peritoneum[1]. TG2/FN complex[1].

Pre-treatment with MT4 sensitizes ovarian cancer (OC) cells to traditional anticancer drug[1].

[1]. Sima LE, et al. Small Molecules Target the Interaction between Tissue Transglutaminase and Fibronectin. Mol Cancer Ther. 2019 Jun;18(6):1057-1068.

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

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