
Product Data Sheet

Product Name: ATM Inhibitor-5

Cat. No.: GC65327

Chemical Properties

Cas. No. 2495096-26-7

Formula C₂₃H₂₁FN₆O₃ M.Wt 448.45

Solubility 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**

M4076 inhibits Ataxia telangiectasia-mutated (ATM) kinase activity with a sub-nanomolar potency and shows remarkable selectivity against other protein kinases, suppresses DSB repair, clonogenic cancer cell growth, and potentiates antitumor activity of ionizing radiation in cancer cell lines.

[1] Thomas F, et al. Cancer Res (2019) 79 (13_Supplement): 3500. [2] Zimmermann A, et al. Mol Cancer Ther. 2022 Jun 1;21(6):859-870.

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

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