

Product Data Sheet

Product Name: 8012-3246

Cat. No.: GC79117

Chemical Properties

Cas. No. 421586-94-9

Formula $C_{18}H_{13}N_5O_3$ M.Wt 347.33

Solubility DMSO: 100 mg/mL (287.91 mM; Need ultrasonic) 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

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

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8012-3246 is a selective PLK2 inhibitor with an IC₅₀ of 774.5 nM. 8012-3246 suppresses GSK3 β phosphorylation. 8012-3246 exhibits potent anticancer activity against colorectal cancer [1].

References:

[1]. Wu YW, et al. Consensus Pharmacological Interactions for PLK2 Inhibitor Identification in Colorectal Cancer Treatment. J Chem Inf Model. 2026 Jan 12;66(1):577-590.

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