

Product Data Sheet

Product Name: IP6K-IN-2

Cat. No.: GC81452

Chemical Properties

Cas. No. 3024590-83-5

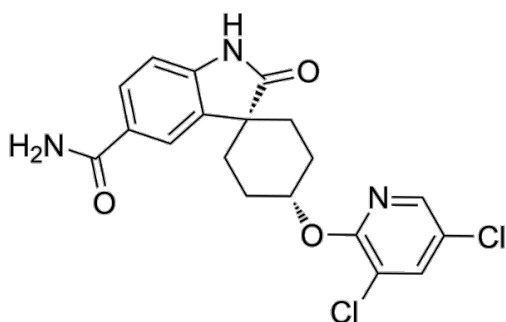
Formula $C_{19}H_{17}Cl_2N_3O_3$ M.Wt 406.26

Solubility DMSO: 33.33 mg/mL (82.04 mM; Need ultrasonic) Storage Store at -20°C, sealed storage, away from moisture and light

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

IP6K-IN-2 is an inositol hexakisphosphate kinase (IP6K1) inhibitor that inhibits IP6K1 enzyme activity with an IC₅₀ value of 110 nM. IP6K-IN-2 can be used for the research of neurological disease and CNS disorders [1].

References:

[1]. Heitmann T, et al. Identification and Characterization of a Blood-Brain Barrier Penetrant Inositol Hexakisphosphate Kinase (IP6K) Inhibitor. J Med Chem. 2024;67(16):13639-13665.

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

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