
Product Data Sheet

Product Name: CHK-IN-1
Cat. No.: GC33392

Chemical Properties

Cas. No. 1278405-51-8

SMILES O=C(C1=NN=C(N[C@@H]2CNCCC2)C3=C1SC(C4=CC=CC(F)=C4)=C3)N.[H]Cl

Formula $C_{18}H_{19}ClFN_5OS$ M.Wt 407.89

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

CHK-IN-1 is an inhibitor of CHK1 and CHK2, with anti-proliferative activities.

CHK-IN-1 can prevent DNA damage repair mechanism from arresting the cell cycle at the G2/M checkpoint[1].

[1]. Novel compounds and therapeutic use thereof for protein kinase inhibition. EP 2477496 A1

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

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