

Product Data Sheet

Product Name: CDK inhibitor II

Cat. No.: GC12425

Chemical Properties

Cas. No. 1269815-17-9

Chemical Name (3R)-N-[5-chloro-4-(5-fluoro-2-methoxyphenyl)pyridin-2-yl]piperidine-3-carboxamide

SMILES COC1=CC(=C(C=C1)F)C2=CC(=NC=C2Cl)NC(=O)C3CCCN3

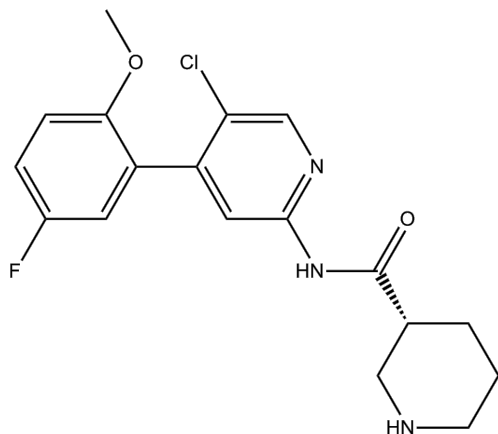
Formula $C_{18}H_{19}ClFN_3O_2$ M.Wt 363.82

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

CDK-IN-2 is a potent and specific CDK9 inhibitor with IC₅₀ of <8 nM, extracted from reference 1, example 4. IC₅₀ Value: <8 nM [1] Target: CDK9 In vitro: In vivo:

References:

[1]. Keith B Pfister, et al. Heteroaryl compounds as kinase inhibitors. 2011, WO2011026917A1.

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

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