

Product Data Sheet

Product Name: LY3177833

Cat. No.: GC19233

Chemical Properties

Cas. No. 1627696-51-8

SMILES O=C1N[C@@](C)(C2=NC=NC=C2F)C3=C1C=C(C4=CN=C4)C=C3

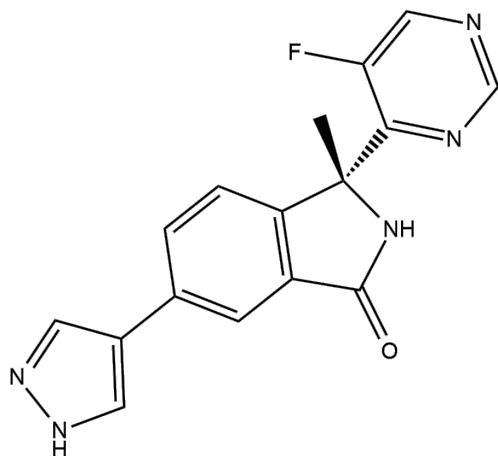
Formula $C_{16}H_{12}FN_5O$ M.Wt 309.3

Solubility DMSO : ≥ 30 mg/mL (96.99 mM) 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

LY3177833 is a CDC7 and pMCM2 inhibitor with IC_{50} values of 3.3 nM and 290 nM, respectively[1].

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

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LY3177833 (Compound example 4; 10.4-31.2 mg/kg; oral gavage; twice a day; for 2 weeks; female athymic Balb/c nude mice with SW620 cells) treatment causes significant tumor regression in a dosedependent manner. Also, no significant tumor growth is observed for 2 weeks after dosing cessation[1].

References:

[1]. DALLY, Robert Dean, et al. CDC7 Inhibitors. 18 September 2014. WO2014143601A1.

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