

Product Data Sheet

Product Name: (Z)-JIB-04

Cat. No.: GC39677

Chemical Properties

Cas. No. 199596-24-2

SMILES C1C1=CN=C(N/N=C(C2=CC=CC=C2)\C3=NC=CC=C3)C=C1

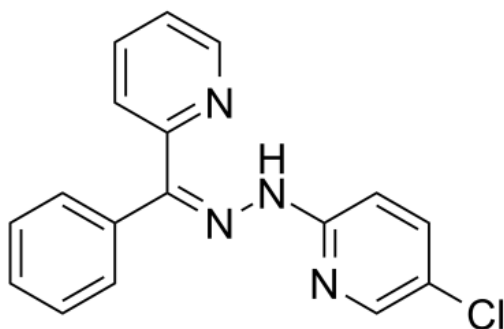
Formula $C_{17}H_{13}ClN_4$ M.Wt 308.76

Solubility DMSO: 6 mg/mL (19.43 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

(Z)-JIB-04 (NSC693627) is the Z isomer of JIB-04 that has two forms, E and Z isomers. (Z)-JIB-04 is inactive in epigenetic analysis[1].

[1]. Wang L, et al. A small molecule modulates Jumonji histone demethylase activity and selectively inhibits cancer growth. Nat Commun. 2013;4:2035.

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

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