

Product Information

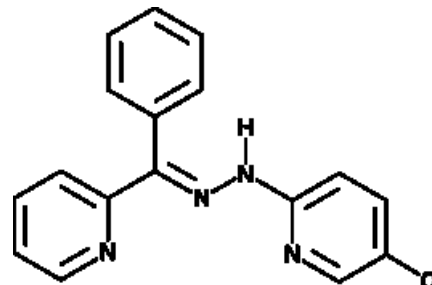


JIB-04

Cat No: 15338 - 5 mg

General Data

Shipping:	dry ice
Formulation:	A crystalline solid
Purity:	≥95%



Product Overview

JIB-04 is a pyridine hydrazone that broadly inhibits Jumonji histone demethylases (IC₅₀s values = 230, 340, 435, 445, 855 and 1,100 nM for JARID1A, JMJD2E, JMJD2B, JMJD2A, JMJD3, and JMJD2C, respectively).{27169} It does not inhibit histone deacetylases and has minimal effect on the iron-containing enzymes methylcytosine dioxygenase TET1 and hypoxia-inducible factor prolyl hydroxylase 2.{27169} JIB-04 inhibits Jumonji demethylase activity, alters gene expression, and blocks viability of cancer cells but not in patient-matched normal cells.{27169,27168} It also inhibits Jumonji demethylase activity in cancer cells in vivo, resulting in reduced tumor burden and prolonged survival.{27169}

FP/28/24

For research laboratory use only – Not for human diagnostic use.

Buyers agree to purchase the material subject to Purchasing Terms that can be found on our website. Seek appropriate training to safely handle this product under normal conditions. Use the recommended personal protective equipment to prevent chemical exposures.

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