

# Product Information

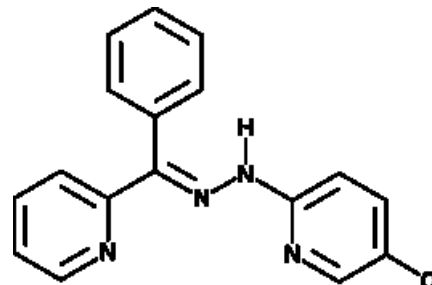


**JIB-04**

Cat No: 15338 - 5 mg

## General Data

<b>Shipping:</b>	dry ice
<b>Formulation:</b>	A crystalline solid
<b>Purity:</b>	≥95%



## Product Overview

JIB-04 is a pyridine hydrazone that broadly inhibits Jumonji histone demethylases (IC<sub>50</sub>s 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/26/24

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.

Bertin Bioreagent does not make any other warranty or representation whatsoever whether expressed or implied, with respect to these products. In no event will Bertin Bioreagent be liable for incidental, consequential or punitive damages.

### Contact Bertin Bioreagent

Parc d'Activités du Pas du Lac  
10 bis avenue Ampère  
78180 Montigny le Bretonneux - France  
Tel.: +33 (0)139 306 036

<https://www.bertin-bioreagent.com/pa206/contact-us>  
<https://www.bertin-bioreagent.com>