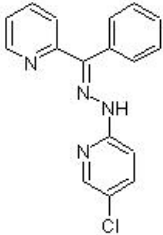


Product datasheet

JIB 04, Jumonji histone demethylase inhibitor ab144818

Overview

<b>Product name</b>	JIB 04, Jumonji histone demethylase inhibitor
<b>Description</b>	Potent, selective, cell-permeable Jumonji histone demethylase inhibitor
<b>Biological description</b>	Potent, selective, cell-permeable pan Jumonji histone demethylase inhibitor (IC <sub>50</sub> values are 230, 340, 435, 445, 855 and 1100 nM for JARID1A, JMJD2E, JMJD2B, JMJD2A, JMJD3 and JMJD2C respectively). Selectively induces cancer death by altering transcriptional growth programs in cancer but not in normal cells. Shows antitumor effects <i>in vivo</i> .
<b>Purity</b>	> 98%
<b>CAS Number</b>	199596-05-9
<b>Chemical structure</b>	

Properties

<b>Chemical name</b>	5-chloro-N-[(E)-[phenyl(pyridin-2-yl)methylidene]amino]pyridin-2-amine
<b>Molecular weight</b>	308.76
<b>Molecular formula</b>	C <sub>17</sub> H <sub>13</sub> ClN <sub>4</sub>
<b>PubChem identifier</b>	6519698
<b>Storage instructions</b>	Store at -20°C (desiccating conditions).
<b>Solubility overview</b>	Soluble in DMSO to 100 mM
<b>Handling</b>	Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.
<b>SMILES</b>	C1=CC=C(C=C1)/C(=N\NC2=NC=C(C=C2)Cl)/C3=CC=CC=N3
<b>Source</b>	Synthetic

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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