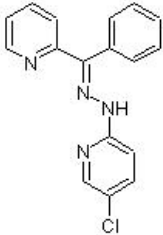


Product datasheet

JIB 04, Jumonji histone demethylase inhibitor ab144818

Overview

Product name	JIB 04, Jumonji histone demethylase inhibitor
Description	Potent, selective, cell-permeable Jumonji histone demethylase inhibitor
Biological description	Potent, selective, cell-permeable pan Jumonji histone demethylase inhibitor (IC ₅₀ 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> .
Purity	> 98%
CAS Number	199596-05-9
Chemical structure	

Properties

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