

## Product Information

**Product ID** J3205

**CAS No.** 199596-24-2

**Chemical Name**

**Synonym** NSC 693627

**Formula** C<sub>17</sub>H<sub>13</sub>ClN<sub>4</sub>

**Formula Wt.** 308.77

**Melting Point**

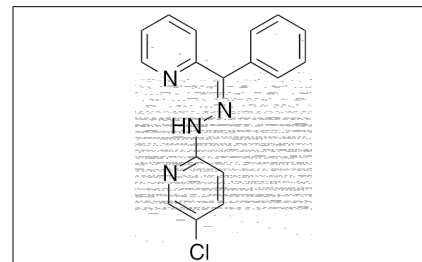
**Purity** ≥98%

**Solubility** DMSO 25 mg/mL  
Water Insoluble  
Ethanol Insoluble

**Store Temp** -20°C

**Ship Temp** Ambient

**Description** This compound is the Z stereoisomer of JIB-04, an inhibitor of Jumonji family histone demethylases; it does not inhibit activity of α-ketoglutarate. JIB-04 exhibits anticancer chemotherapeutic activity, inhibiting protein translation initiation. In cancer models, JIB-04 inhibits cell viability, decreases tumor burden, and increases survival rates. TEST!!!!!!



## Pricing and Availability

**Bulk quantities available upon request**

Product ID	Size	List Price
J3205	5 mg	\$92.90
J3205	25 mg	\$309.60

**References** Van Rechem C, Black JC, Boukhali M, et al. Lysine demethylase KDM4A associates with translation machinery and regulates protein synthesis. *Cancer Discov.* 2015 Mar;5(3):255-63. PMID: 25564516.

Wang L, Chang J, Varghese D, et al. A small molecule modulates Jumonji histone demethylase activity and selectively inhibits cancer growth. *Nat Commun.* 2013;4:2035. Erratum in: *Nat Commun.* 2013;4:2639. PMID: 23792809.

**Caution:** This product is intended for laboratory and research use only. It is not for human or drug use.