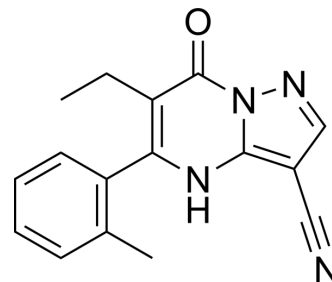


## CPI-4203

Cat. No.:	HY-123419		
CAS No.:	1628214-07-2		
Molecular Formula:	C <sub>16</sub> H <sub>14</sub> N <sub>4</sub> O		
Molecular Weight:	278.31		
Target:	Histone Demethylase		
Pathway:	Epigenetics		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



### BIOLOGICAL ACTIVITY

#### Description

CPI-4203 is a potent KDM5A inhibitor with an IC<sub>50</sub> of 250 nM. CPI-4203 is competitive with 2-oxoglutarate (2-OG). CPI-4203 is structurally related to CPI-455 (HY-100421) but is less potent<sup>[1]</sup>.

#### IC<sub>50</sub> & Target

IC<sub>50</sub>: 250 nM (KDM5A)<sup>[1]</sup>

### REFERENCES

[1]. Vinogradova M, et al. An inhibitor of KDM5 demethylases reduces survival of drug-tolerant cancer cells. Nat Chem Biol. 2016 Jul;12(7):531-8.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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