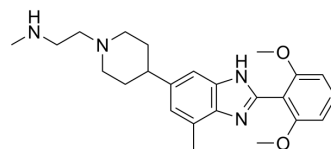


## CARM1-IN-3

Cat. No.:	HY-15214		
CAS No.:	912970-67-3		
Molecular Formula:	C <sub>24</sub> H <sub>32</sub> N <sub>4</sub> O <sub>2</sub>		
Molecular Weight:	408.54		
Target:	Histone Methyltransferase		
Pathway:	Epigenetics		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### BIOLOGICAL ACTIVITY

Description	CARM1-IN-3 (compound 17b) is a potent and selective co-activator associated arginine methyltransferase (CARM1) inhibitor with IC <sub>50</sub> values of 0.07, >25 μM for CARM1 and CARM3, respectively <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : 0.07 μM (CARM1); >25 μM (CARM3) <sup>[1]</sup>

### REFERENCES

[1]. Wan H, et al. Benzo[d]imidazole inhibitors of Coactivator Associated Arginine Methyltransferase 1 (CARM1)--Hit to Lead studies. Bioorg Med Chem Lett. 2009 Sep 1;19(17):5063-6.

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

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