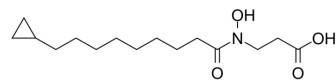


## KDM2/7-IN-1

Cat. No.:	HY-107573
CAS No.:	1453071-47-0
Molecular Formula:	C <sub>15</sub> H <sub>27</sub> NO <sub>4</sub>
Molecular Weight:	285.38
Target:	Histone Demethylase
Pathway:	Epigenetics
Storage:	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



### BIOLOGICAL ACTIVITY

#### Description

KDM2/7-IN-1 (TC-E 5002) is a selective histone demethylase KDM2/7 subfamily inhibitor (IC<sub>50</sub> values are 0.2, 1.2, 6.8, 55, 83, >100 and >120 μM for KDM7A, KDM7B, KDM2A, KDM5A, KDM4C, KDM6A and KDM4A respectively). KDM2/7-IN-1 inhibits growth of HeLa and KYSE-150 cancer cells in vitro<sup>[1]</sup>.

### REFERENCES

[1]. Suzuki T, et al. Identification of the KDM2/7 histone lysine demethylase subfamily inhibitor and its antiproliferative activity. *J Med Chem.* 2013 Sep 26;56(18):7222-31.

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

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