

Product Name	: KDM-IN-6
Synonyms	: —
Cat No.	: M13462
CAS Number	: 2169272-46-0
Molecular Formula	: C33H38N4O
Formula Weight	: 506.69
Chemical Name	: (2S,3S)-1-acetyl-3-phenyl-2-(5-(7-(pyrrolidin-1-yl)heptyl)pyridin-3-yl)indoline-3-carbonitrile
Description	: KDM-IN-6 is a potent, highly selective and cell-active inhibitor of KDM2A/7A with IC50 of 0.16 and 0.19 uM, respectively; displays >75 fold selectivity towards KDM2A/7A versus other JmjC lysine demethylase; shows cytotoxicity towards HeLa and HAP1 cells with EC50 of 22 uM and 7.1 uM respectively.
Pathway	: Chromatin/Epigenetic
Target	: Histone Demethylase
Receptor	: Histone Demethylase
Solubility	: —
SMILES	: <chem>CC(N([C@@H](C1=CN=CC(CCCCCCN2CCCC2)=C1))[C@@]3(C4=CC=CC=C4)C#N)C5=C3C=CC=C5)=O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Gerken P, et al. Angew Chem Int Ed Engl. 2017 Oct 4. doi: 10.1002/anie.201706788.