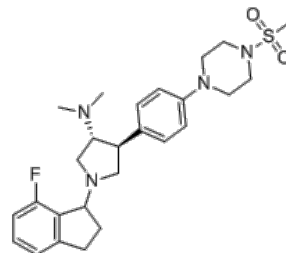


Product Name	: A-395
Synonyms	: A395
Cat No.	: M13262
CAS Number	: 2089148-72-9
Molecular Formula	: C ₂₄ H ₃₄ N ₄ O ₂ S
Formula Weight	: 442.62
Chemical Name	: (3R,4S)-1-(7-fluoro-2,3-dihydro-1H-inden-1-yl)-N,N-dimethyl-4-(4-(4-(methylsulfonyl)piperazin-1-yl)phenyl)pyrrolidin-3-amine
Description	: A-395 (A395) is a potent, selective, and cellularly active PRC2 subunit EED inhibitor with K _d of 1.5 nM; potently inhibits the trimeric PRC2 complex (EZH2-EED-SUZ12) with IC ₅₀ of 18 nM, and inhibits PRC2 at 1 and 50 uM, shows no activity against any of the other protein lysine methyltransferases, arginine methyltransferases, or DNA methyltransferases; inhibits both H3K27me ₂ and H3K27me ₃ with IC ₅₀ of 390 nM and 90 nM, respectively; exhibits potent antitumor efficacy in vivo.
Pathway	: Chromatin/Epigenetic
Target	: HMTase
Receptor	: HMTase
Solubility	: DMSO : 100 mg/mL 205.49 mM
SMILES	: CN(C)C1CN(CC1C2=CC=C(C=C2)N3CCN(CC3)S(=O)(=O)C)C4CCC5=C4C(=CC=C5)F
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. He Y, et al. Nat Chem Biol. 2017 Apr;13(4):389-395. | 2. Cancer Discov. 2017 Apr;7(4):OF8. doi: 10.1158/2159-8290.CD-RW2017-030.