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| **Inhibitor** | **Target** | **Ki/ IC50** |
| AMI-1 | Arginine Methyltransferase PRMT1 (H4R3) | 8.8 M |
| BRD4770 | Histone Methyltransferase G9a (H3K9) | 6.3 M |
| BIX 01294 | Histone Methyltransferase G9a, GLP (H3K9), NSD1/2/3 (H3K36) | 2.7 M |
| UNC0638 | Histone Methyltransferase G9a, GLP (H3K9) | 15 nM |
| 3-Deazaneplanocin A hydrochloride  (3DZnep) | Global histone methylation (Competitive inhibitor of S-adenosylhomocysteine hydrolase, EZH2) | 50 pM |
| GSK J4 | Histone demethylase JMJD3, UTX (H3K27) | 60 nM |
| IOX 1 | JmjC histone demethylases (H3K4, H3K9, H3K27, H3K36, H3K79, H4K20) | 0.1 - 2,3 M |
| Tranylcypromine hydrochloride (2-PCPA) | Histone demethylase LSD1 (H3K4, H3K9) | 0.08 - 0.2 M |
| 5-aza cytidine (5-aza) | DNA methyltransferases | irreversible |
| Trichostatin A (TSA) | Histone deacetylases | 3.4 nM |
| C 646 | Histone acetyltransferase CBP (H3, H4) | 400 nM |

**Supp. Table 2: Inhibitor list**