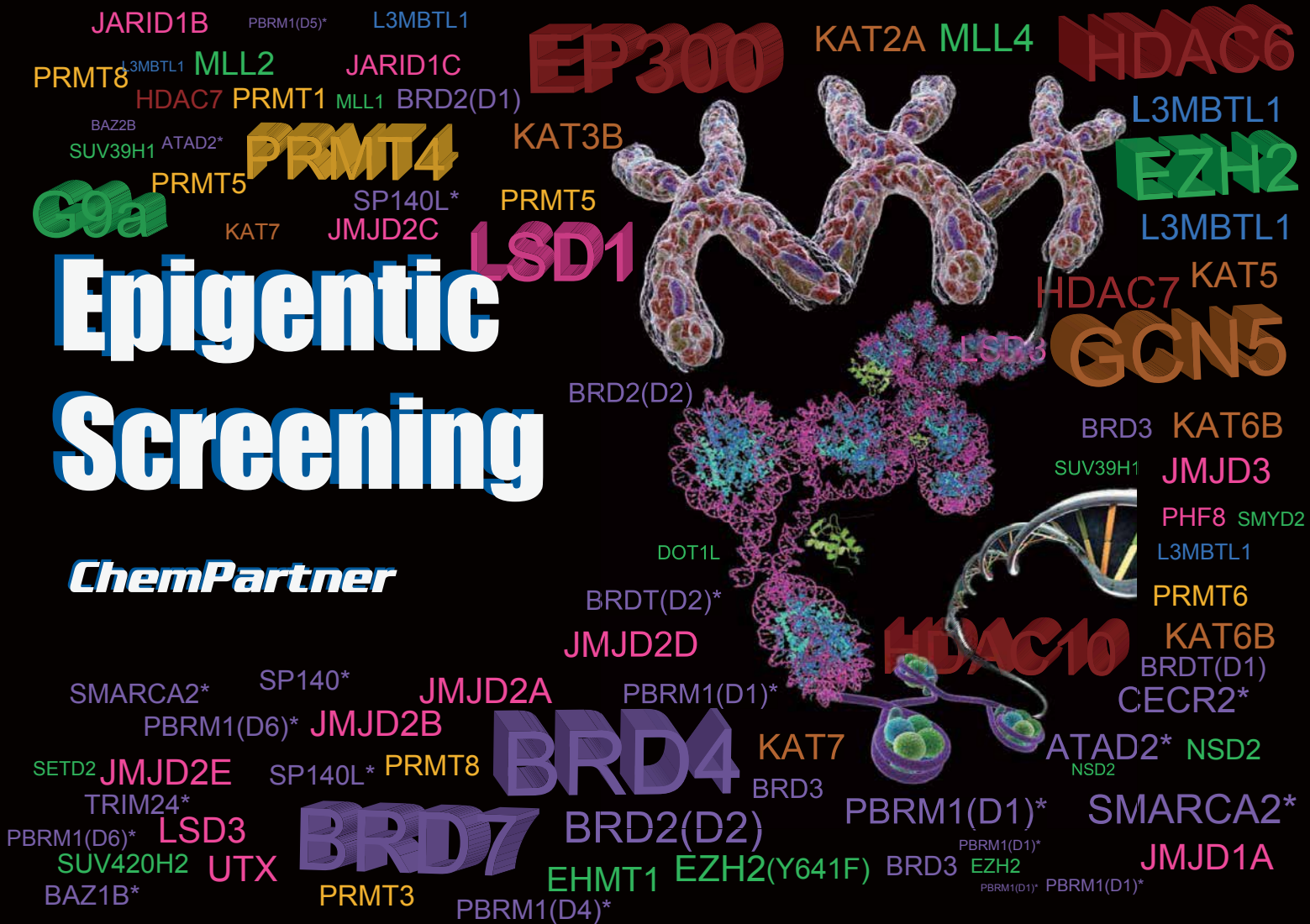


# Epigenetic Screening

**ChemPartner**



## Multiple assay platforms

- Biochemical and cell based assays
- AlphaLISA assay
- Fluorometry assay
- Radiometric assay
- LANCE Ultra assay (TR-FRET)
- Caliper mobility shift assay

## Broad service scope

- High-throughput screening
- Lead optimization
- Selectivity panel screening
- IC50 dose response
- Enzyme kinetics
- Compound mode of action



Echo550



PlateMate



Caliper



Envision



MicroBeta

Contact

998 Halei Road #5 Zhangjiang Hi-Tech Park Pudong Shanghai, China 201203

China: +86 21 5132 0088

USA: +1 650 419 9974

Europe: +45 4586 9000

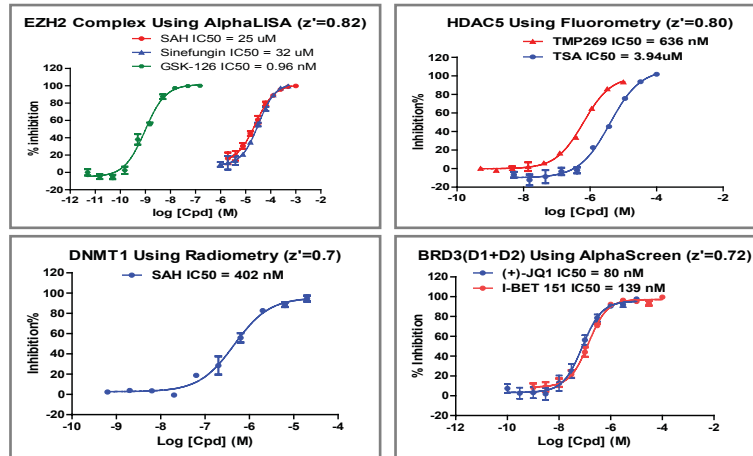
Japan: +81 03 5403 6975

contact@chempartner.com

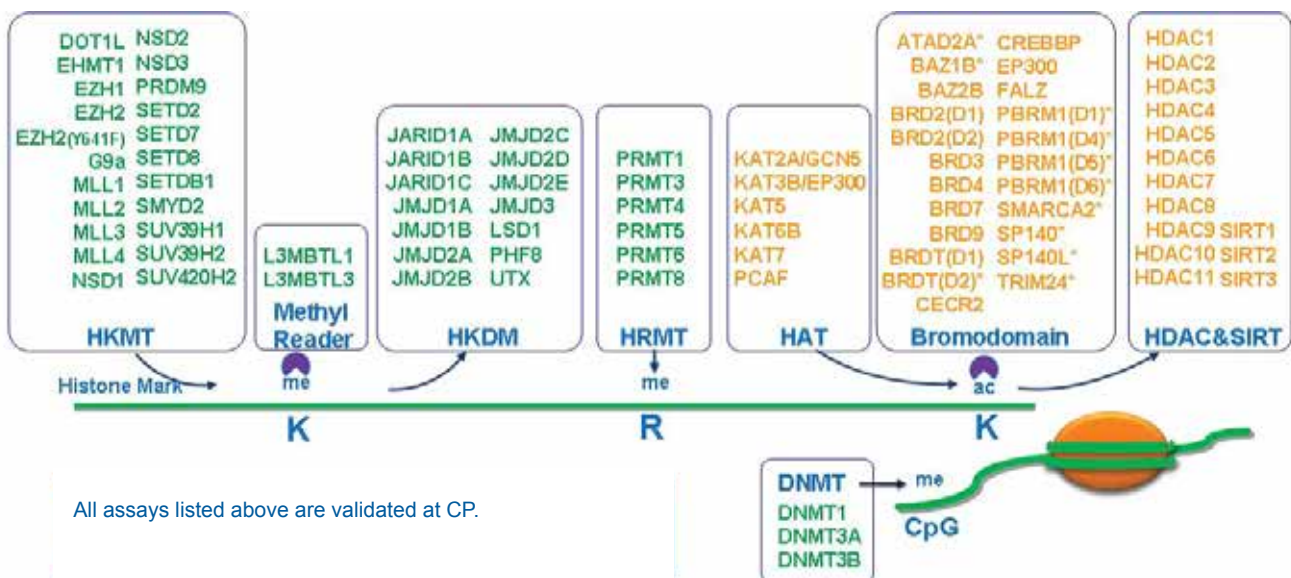
www.chempartner.com

# High Quality Data and Fast Turnaround Time

**Z' factor >0.7**  
for biochemical  
assay  
**3-5 working days**  
from compound to  
report

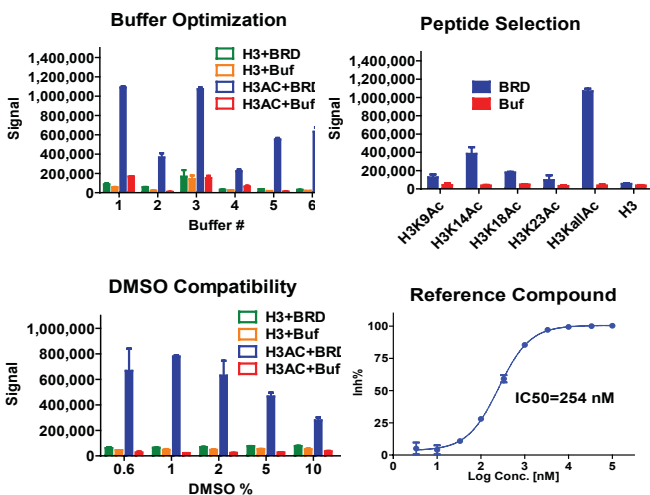


## Epigenetic Enzyme Assay Panel Screen



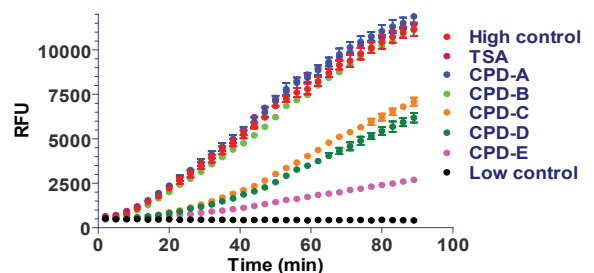
## Case Study

### HTS Assay Development on Bromodomain-X



### Off-rate Determination of HDAC-Y

#### CPD K<sub>off</sub> determination on HDAC-Y



CPD	TSA	A	B	C	D	E
k <sub>off</sub> (min <sup>-1</sup> )	0.062	0.38	0.13	0.022	0.017	0.006
T <sub>1/2</sub> (min)	11	1.8	5.3	31.1	40	126