

Bromodomain	GENE-049 Kd (nM)
ATAD2A	>10000
ATAD2B	>10000
BAZ2A	4900
BAZ2B	>10000
BRD1	>10000
BRD2(1)	4300
BRD2(1,2)	8400
BRD2(2)	>10000
BRD3(1)	4900
BRD3(1,2)	>10000
BRD3(2)	>10000
BRD4(1)	3600
BRD4(1,2)	>10000
BRD4(2)	>10000
BRD4(full-length,short-iso.)	3200
BRD7	>10000
BRD8(1)	>10000
BRD8(2)	>10000
BRD9	>10000
BRDT(1)	1400
BRDT(1,2)	8800
BRDT(2)	>10000
BRPF1	>10000
BRPF3	>10000
CECR2	>10000
CREBBP	0.18
EP300	0.18
FALZ	>10000
GCN5L2	>10000
PBRM1(2)	>10000
PBRM1(5)	>10000
PCAF	>10000
SMARCA2	>10000
SMARCA4	>10000
TAF1(2)	9000
TAF1L(2)	>10000
TRIM24(Bromo.)	780
TRIM24(PHD,Bromo.)	1900
TRIM33(PHD,Bromo.)	>10000
WDR9(2)	640

Supplementary Table 1 Bromodomain selectivity data for GNE-049 using BROMOscan[®] panel.

Broad Bromodomain Profile of GNE-049. K_d values obtained for GNE-049 across a broad panel of bromodomains as assayed with the BromoScan platform at DiscoverX.

The assay is based on competition between compound and affinity resin for binding to soluble DNA-tagged bromodomains.