



# BromoMELT<sup>SM</sup>

# Sample data

## Subfamily 2

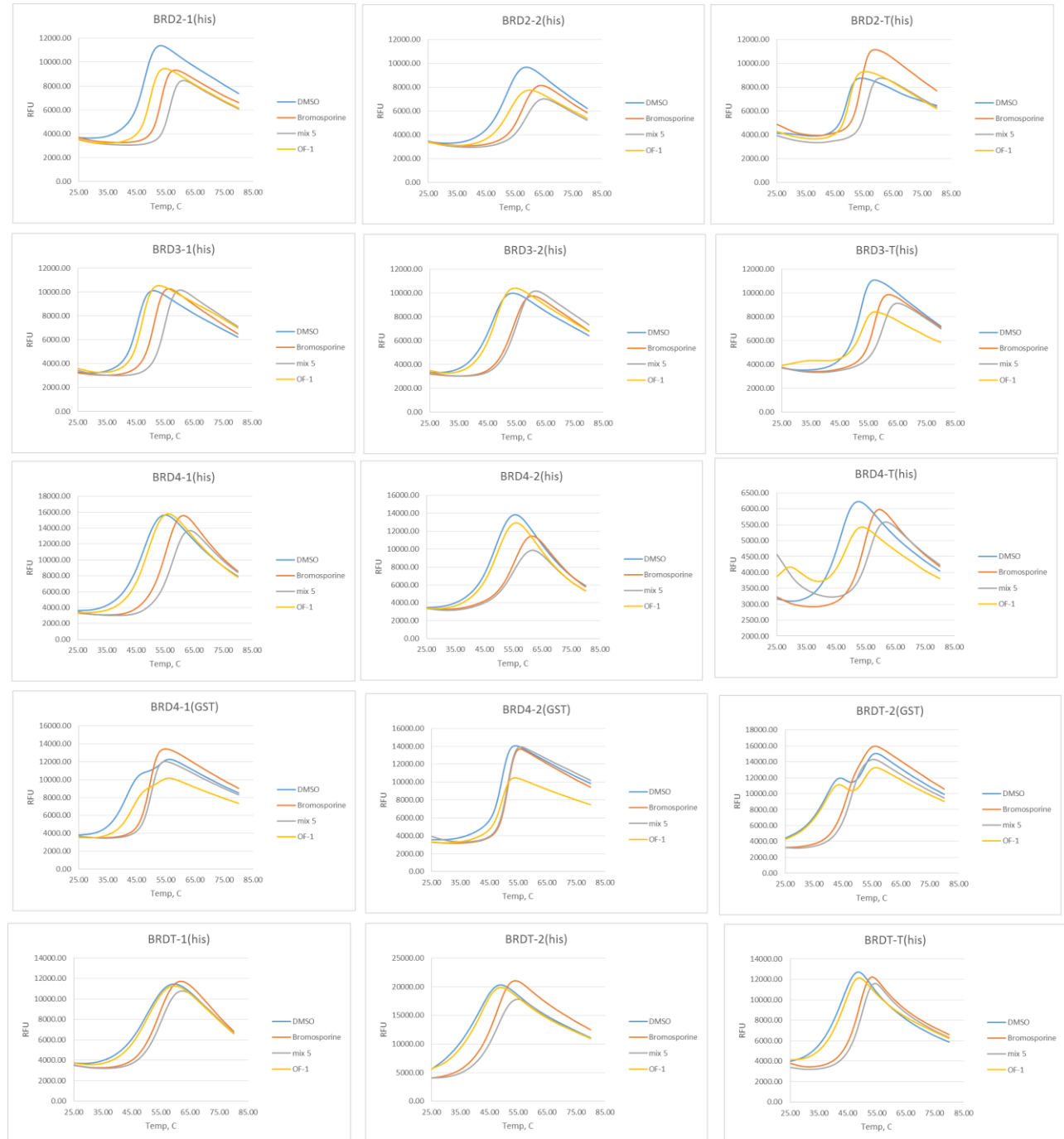
BRD2-1 (His)	BRD2-2 (His)	BRD2-Tndm (His)
BRD3-1 (His)	BRD3-2 (His)	BRD3-Tndm (His)
BRD4-1 (His)	BRD4-2 (His)	BRD4-Tndm (His)
BRD4-1 (GST)	BRD4-2 (GST)	BRDT-2 (GST)
BRDT-1 (His)	BRDT-2 (His)	BRDT-Tndm (His)

## Subfamily 2

		Tm	dTm
BRD2-1 (His)	DMSO	47.5	0
BRD2-1 (His)	Bromosporine	53.5	6
BRD2-1 (His)	mix 5	56.5	9
BRD2-1 (His)	OF-1	49.5	2
BRD2-2 (His)	DMSO	52	0
BRD2-2 (His)	Bromosporine	57.5	5.5
BRD2-2 (His)	mix 5	59	7
BRD2-2 (His)	OF-1	53	1
BRD2-Tndm (His)	DMSO	49	0
BRD2-Tndm (His)	Bromosporine	54	5
BRD2-Tndm (His)	mix 5	56	7
BRD2-Tndm (His)	OF-1	50	1
BRD3-1 (His)	DMSO	45.5	0
BRD3-1 (His)	Bromosporine	51.5	6
BRD3-1 (His)	mix 5	55	9.5
BRD3-1 (His)	OF-1	47	1.5
BRD3-2 (His)	DMSO	47	0
BRD3-2 (His)	Bromosporine	54	7
BRD3-2 (His)	mix 5	55.5	8.5
BRD3-2 (His)	OF-1	48	1
BRD3-Tndm (His)	DMSO	52.5	0
BRD3-Tndm (His)	Bromosporine	57	4.5
BRD3-Tndm (His)	mix 5	60	7.5
BRD3-Tndm (His)	OF-1	53	0.5
BRD4-1 (His)	DMSO	48	0
BRD4-1 (His)	Bromosporine	55.5	7.5
BRD4-1 (His)	mix 5	57.5	9.5
BRD4-1 (His)	OF-1	49	1
BRD4-2 (His)	DMSO	48.5	0
BRD4-2 (His)	Bromosporine	55.5	7
BRD4-2 (His)	mix 5	55	6.5
BRD4-2 (His)	OF-1	49.5	1

		Tm	dTm
BRD4-Tndm (His)	DMSO	46.5	0
BRD4-Tndm (His)	Bromosporine	54.5	8
BRD4-Tndm (His)	mix 5	56.5	10
BRD4-Tndm (His)	OF-1	48.5	2
BRD4-1 (GST)	DMSO	41.5	0
BRD4-1 (GST)	Bromosporine	49.5	8
BRD4-1 (GST)	mix 5	50	8.5
BRD4-1 (GST)	OF-1	43.5	2
BRD4-2 (GST)	DMSO	49.5	0
BRD4-2 (GST)	Bromosporine	51.5	2
BRD4-2 (GST)	mix 5	51.5	2
BRD4-2 (GST)	OF-1	49.5	0
BRDT-1 (His)	DMSO	50	0
BRDT-1 (His)	Bromosporine	54.5	4.5
BRDT-1 (His)	mix 5	55.5	5.5
BRDT-1 (His)	OF-1	50.5	0.5
BRDT-2 (His)	DMSO	42	0
BRDT-2 (His)	Bromosporine	48	6
BRDT-2 (His)	mix 5	48	6
BRDT-2 (His)	OF-1	42.5	0.5
BRDT-2 (GST)	DMSO	39.5	0
BRDT-2 (GST)	Bromosporine	46.5	7
BRDT-2 (GST)	mix 5	48	8.5
BRDT-2 (GST)	OF-1	39	-0.5
BRDT-Tndm (His)	DMSO	43.5	0
BRDT-Tndm (His)	Bromosporine	49	5.5
BRDT-Tndm (His)	mix 5	50	6.5
BRDT-Tndm (His)	OF-1	44	0.5

mix 5: JQ1/CBP112/IBET151/GKS2801/PFI3  
Compound concentration in assay: 25  $\mu$ M





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# Sample data: compound fingerprints

