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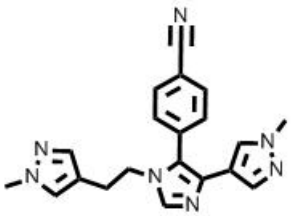
BAZ2 Bromodomain Inhibitor - BAZ2-ICR

Chemical Name: 4-(4-(1-methyl-1H-pyrazol-4-yl)-1-(2-(1-methyl-1H-pyrazol-4-yl)ethyl)-1H-imidazol-5-yl)benzonitrile



Molecular Weight:	357.41
Formula:	$C_{20}H_{19}N_7$
Purity:	≥98%
CAS#:	n/a
Solubility:	DMSO up to 100 mM
Storage	Powder: 4 °C 1 year DMSO: 4 °C 3 months -20 °C 1 year

Biological Activity:

BAZ2-ICR is a potent and selective BAZ2 bromodomain inhibitor with Kd values of 109 and 170 nM for BAZ2A and BAZ2B, respectively. It exhibits 15-fold selectivity for the BAZ2 bromodomain over the CERC2 bromodomain and >100-fold selectivity over a range of other bromodomains. It shows accelerated FRAP recovery at 1 μM in the BAZ2A FRAP assay.

How to Use:

In vitro: BAZ2-ICR was used at 1-10 μM final concentration in various in vitro assays.

In vivo: n/a

Reference:

1. http://www.thesgc.org/chemical-probe/BAZ2-ICR