Product Information

BAZ2-ICR
Item No. 17448

CAS Registry No.: 165195-94-7
Formal Name: 4-[4-(1-methyl-1H-pyrazol-4-yl)-1-[2-(1-methyl-1H-pyrazol-4-yl)ethyl]-1H-imidazol-5-yl]-benzonitrile
MF: C20H19N7
FW: 357.4
Purity: ≥98%
Stability: 2 years at -20°C
Supplied as: A crystalline solid
UV/Vis: λmax 230, 320 nm

BAZ2A/B are bromodomain-containing proteins whose biological function, while not yet confirmed, is believed to function similarly to ACF1, the Drosophila ACF2B ortholog. ACF complexes play roles in establishing regular nucleosome spacing during chromatin assembly and influencing different remodeling outcomes at target loci.1,2 A rare allele of BAZ2B has been identified to be a predictor of Sudden Cardiac Death.3 BAZ2-ICR is a small molecule inhibitor of BAZ2A/B over CECR2 and >100-fold selectivity over all other bromodomains.4 It demonstrates 15-fold selectivity for binding BAZ2A/B over CECR2 and >100-fold selectivity over all other bromodomains.4 BAZ2-ICR has been shown to displace BAZ2 bromodomains in living cells by demonstrating accelerated FRAP recovery at 1 µM in the BAZ2A FRAP assay.4 See the Structural Genomics Consortium (SGC) website for more information.

References


Related Products
For a list of related products please visit: www.caymanchem.com/catalog/17448

WARNING: This product is for laboratory research only; not for administration to humans. Not for human or veterinary diagnostic or therapeutic use.

SAFETY DATA
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