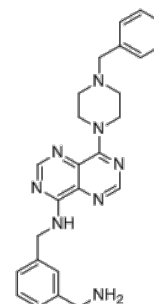


Product Name : BI8626
Cat. No. : PC-63515
CAS No. : 1875036-75-1
Molecular Formula : C₂₅H₂₈N₈
Molecular Weight : 440.555
Target : E3 Ubiquitin Ligase
Solubility : 10 mM in DMSO



Biological Activity

BI8626 (BI-8626) is a specific, small molecule inhibitor of the **HUWE1 ubiquitin ligase** with IC₅₀ of 0.9 uM, does not inhibit the activity of other HECT-domain ubiquitin ligases (HECW2, NEDD4, UBA1 and UbcH5b, IC₅₀>50 uM).

BI8626 suppresses colony formation of Ls174T cells with IC₅₀ of 0.7 uM.

BI8626 inhibits MYC-dependent transactivation in colorectal cancer cells, but not in stem and normal colon epithelial cells.

BI8626 stabilizes MYC-associated protein MIZ1.

References

Peter S, et al. *EMBO Mol Med.* 2014 Dec;6(12):1525-41.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com