

Product Name : BI8626

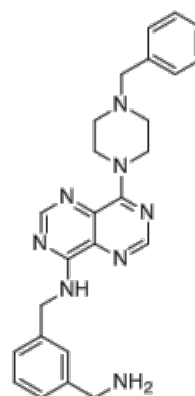
Synonyms : BI-8626;BI 8626

Cat No. : M12906

CAS Number : 1875036-75-1

Molecular Formula : C₂₅H₂₈N₈

Formula Weight : 440.56



Chemical Name : N-(3-(aminomethyl)benzyl)-8-(4-benzylpiperazin-1-yl)pyrimido[5,4-d]pyrimidin-4-amine

Description : 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); suppresses colony formation of Ls174T cells with IC₅₀ of 0.7 uM; inhibits MYC-dependent transactivation in colorectal cancer cells, but not in stem and normal colon epithelial cells; stabilizes MYC-associated protein MIZ1.

Pathway : Proteasome/Ubiquitin

Target : E3 Ubiquitin Ligase

Receptor : E3 Ubiquitin Ligase

Solubility : —

SMILES : NCC1=CC(CNC2=C(N=CN=C3N4CCN(CC5=CC=CC=C5)CC4)C3=NC=N2)=CC=C1

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

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