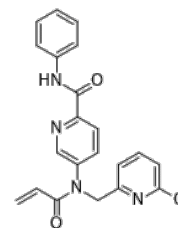


**Product Name** : BPK-25  
**Cat. No.** : PC-23968  
**CAS No.** : 2305052-86-0  
**Molecular Formula** : C<sub>21</sub>H<sub>17</sub>ClN<sub>4</sub>O<sub>2</sub>  
**Molecular Weight** : 392.84  
**Target** : Other Targets  
**Solubility** : 10 mM in DMSO



CAS: 2305052-86-0

## Biological Activity

BPK-25 is a small molecule inhibitor of Nucleosome Remodeling and Deacetylation Complex (NuRD), suppresses T-cell activation at low- $\mu$ M concentrations without causing cytotoxicity.

BPK-25 inhibited TMEM173 activation by the cyclic dinucleotide ligand cGAMP.

BPK-25 blocks NFAT activation, also reduces NFATc2 expression.

BPK-25 promotes degradation of nucleosome remodeling and deacetylation (NuRD) complex proteins by a post-translational mechanism involving covalent protein engagement.

## References

Vinogradova EV, et al. Cell. 2020 Aug 20;182(4):1009-1026.e29.

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

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