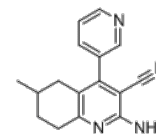


**Product Name** : BRD6989  
**Cat. No.** : PC-60893  
**CAS No.** : 642008-81-9  
**Molecular Formula** : C<sub>16</sub>H<sub>16</sub>N<sub>4</sub>  
**Molecular Weight** : 264.332  
**Target** : Cyclin-dependent Kinase (CDK)  
**Solubility** : 10 mM in DMSO



## Biological Activity

BRD6989 is a potent, selective **CDK8** inhibitor with IC<sub>50</sub> of 0.5 μM against recombinant Cyclin C/CDK8 complex. BRD6989 displays no activity against several CDKs involved in cell cycle including CDK19 (IC<sub>50</sub>>30 μM). BRD6989 inhibits IFNγ-induced phosphorylation of STAT1 at Ser 727 site in BMDCs, selectively upregulates IL-10 with EC<sub>50</sub> of 1 μM.

## References

Johannessen L, et al. *Nat Chem Biol*. 2017 Oct;13(10):1102-1108.

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

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