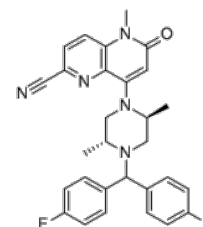


**Product Name** : BMS-332  
**Cat. No.** : PC-21532  
**CAS No.** : 2407892-15-1  
**Molecular Formula** : C<sub>29</sub>H<sub>27</sub>F<sub>2</sub>N<sub>5</sub>O  
**Molecular Weight** : 499.57  
**Target** : Diacylglycerol Kinase (DGK)  
**Solubility** : 10 mM in DMSO



CAS: 2407892-15-1

## Biological Activity

BMS-332 (BMS332) is a potent, selective dual **DGK $\alpha$ / $\zeta$**  inhibitor with IC<sub>50</sub> of 9/8 nM respectively. BMS-332 displays >100-fold selectivity over the related DGK type I family members DGK $\beta$  and DGK $\gamma$ . BMS-332 exhibits IC<sub>50</sub> values of 5 nM and 1 nM in the YFP-DGK $\alpha$  and YFP-DGK $\zeta$  high-content translocation assays, respectively.

## References

- Wichroski M, et al. *Sci Transl Med*. 2023;15(719):eadh1892.  
L. Chupak, et al. *ACS Med. Chem. Lett.* 14, 929–935 (2023).

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

E-mail: tech@probechem.com