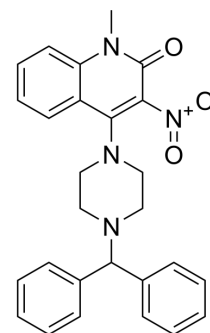


## BMS-684

Cat. No.:	HY-149665		
CAS No.:	313552-29-3		
Molecular Formula:	C <sub>27</sub> H <sub>26</sub> N <sub>4</sub> O <sub>3</sub>		
Molecular Weight:	454.52		
Target:	DGK		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### BIOLOGICAL ACTIVITY

Description	BMS-684 is a selective DGK $\alpha$ inhibitor with an IC <sub>50</sub> of 15 nM. BMS-684 inhibits DGK $\alpha$ kinase activity with >100-fold selectivity over the related DGK type I family members DGK $\beta$ and DGK $\gamma$ . BMS-684 does not inhibit any of the other seven DGK isozymes [1].
IC <sub>50</sub> & Target	IC <sub>50</sub> : 15 nM (DGK $\alpha$ ) <sup>[1]</sup>

### REFERENCES

[1]. Michael Wichroski, et al. DGK $\alpha$ / $\zeta$  inhibitors combine with PD-1 checkpoint therapy to promote T cell-mediated antitumor immunity. *Sci Transl Med.* 2023 Oct 25;15(719):eadh1892.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA