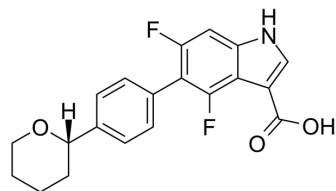


## PF-06679142

Cat. No.:	HY-120270
CAS No.:	1467059-66-0
Molecular Formula:	C <sub>20</sub> H <sub>17</sub> F <sub>2</sub> NO <sub>3</sub>
Molecular Weight:	357.35
Target:	AMPK
Pathway:	Epigenetics; PI3K/Akt/mTOR
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

Description	PF-06679142 (Compound 10) is a potent, orally active AMPK activator with an EC <sub>50</sub> of 22 nM against $\alpha$ 1 $\beta$ 1 $\gamma$ 1-AMPK. PF-06679142 can be used for diabetic nephropathy research <sup>[1]</sup> .
IC <sub>50</sub> & Target	AMPK $\alpha$ 1 $\beta$ 1 $\gamma$ 1 22 nM (EC50)

## REFERENCES

[1]. Edmonds DJ, et al. Optimization of Metabolic and Renal Clearance in a Series of Indole Acid Direct Activators of 5'-Adenosine Monophosphate-Activated Protein Kinase (AMPK). J Med Chem. 2018 Mar 22;61(6):2372-2383.

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

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