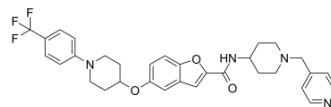


## AMPK activator 1

<b>Cat. No.:</b>	HY-U00292		
<b>CAS No.:</b>	1152423-98-7		
<b>Molecular Formula:</b>	C <sub>32</sub> H <sub>33</sub> F <sub>3</sub> N <sub>4</sub> O <sub>3</sub>		
<b>Molecular Weight:</b>	578.62		
<b>Target:</b>	AMPK		
<b>Pathway:</b>	Epigenetics; PI3K/Akt/mTOR		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### BIOLOGICAL ACTIVITY

<b>Description</b>	AMPK activator 1 is an AMPK activator extracted from patent WO2013116491A1, compound No.1-75, has an EC <sub>50</sub> of <0.1μM.
<b>IC<sub>50</sub> &amp; Target</b>	AMPK 0.1 μM (EC50)
<b>In Vitro</b>	AMPK activator 1 (Compound No.1-75) activates AMPK using an enzyme-linked immunosorbent assay <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. GOFF DANE, et al. CARBOXAMIDE, SULFONAMIDE AND AMINE COMPOUNDS AND METHODS FOR USING THEM. WO2013116491A1.

**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