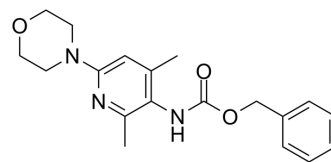


## Potassium Channel Activator 1

Cat. No.:	HY-U00280		
CAS No.:	908608-06-0		
Molecular Formula:	C <sub>19</sub> H <sub>23</sub> N <sub>3</sub> O <sub>3</sub>		
Molecular Weight:	341.4		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 100 mg/mL (292.91 mM; ultrasonic and warming and heat to 60°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.9291 mL	14.6456 mL	29.2912 mL
5 mM	0.5858 mL	2.9291 mL	5.8582 mL
10 mM	0.2929 mL	1.4646 mL	2.9291 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

Potassium Channel Activator 1 is an agent for treating, one or more disorders or conditions wherein the dopaminergic system is disrupted, such as one or more disorders or conditions independently selected from the group consisting of: schizophrenia and other psychotic states; mood disorders ADHD; aggression; movement disorders.

### REFERENCES

[1]. Henriette Husum Bak-Jensen, et al. Use of kncq potassium channel openers for reducing symptoms of or treating disorders or conditions wherein the dopaminergic system is disrupted. WO 2009015667 A1

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

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