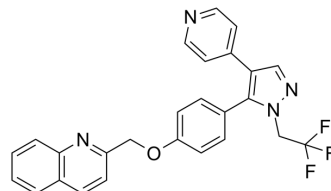


## PDE10-IN-5

<b>Cat. No.:</b>	HY-14550A		
<b>CAS No.:</b>	898562-99-7		
<b>Molecular Formula:</b>	C <sub>26</sub> H <sub>19</sub> F <sub>3</sub> N <sub>4</sub> O		
<b>Molecular Weight:</b>	460.45		
<b>Target:</b>	Phosphodiesterase (PDE)		
<b>Pathway:</b>	Metabolic Enzyme/Protease		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



## SOLVENT & SOLUBILITY

### In Vitro

DMSO : 31.25 mg/mL (67.87 mM; ultrasonic and warming and heat to 60°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.1718 mL	10.8589 mL	21.7179 mL
5 mM	0.4344 mL	2.1718 mL	4.3436 mL
10 mM	0.2172 mL	1.0859 mL	2.1718 mL

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

## BIOLOGICAL ACTIVITY

### Description

PDE10-IN-5 is a phosphodiesterase 10 (PDE 10) inhibitor, can be used for researching certain central nervous system (CNS) disorders<sup>[1]</sup>.

## REFERENCES

[1]. Patrick Robert Verhoest, et al. Heteroaromatic quinoline compounds and their use as pde10 inhibitors. WO2006072828 A2 (Example 8)

---

**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](mailto:tech@MedChemExpress.com)

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