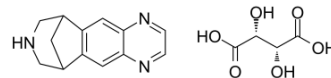


## Varenicline Tartrate

<b>Cat. No.:</b>	HY-10021		
<b>CAS No.:</b>	375815-87-5		
<b>Molecular Formula:</b>	C <sub>17</sub> H <sub>19</sub> N <sub>3</sub> O <sub>6</sub>		
<b>Molecular Weight:</b>	361.35		
<b>Target:</b>	nAChR		
<b>Pathway:</b>	Membrane Transporter/Ion Channel; Neuronal Signaling		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### BIOLOGICAL ACTIVITY

#### Description

Varenicline Tartrate (CP 526555; Champix) is a nicotinic receptor partial agonist; it stimulates nicotine receptors more weakly than nicotine itself does. IC<sub>50</sub> value: Target: α4β2 nAChR. Varenicline (CP 526555; Champix; Chantix) is a prescription medication used to treat smoking addiction. As a partial agonist it both reduces cravings for and decreases the pleasurable effects of cigarettes and other tobacco products. Through these mechanisms Varenicline (CP 526555; Champix; Chantix) can assist some patients to quit smoking.

### REFERENCES

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- [3]. Pachas GN, Cather C, Pratt SA et al. Varenicline for Smoking Cessation in Schizophrenia: Safety and Effectiveness in a 12-Week, Open-Label Trial. *J Dual Diagn.* 2012;8(2):117-125.
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**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