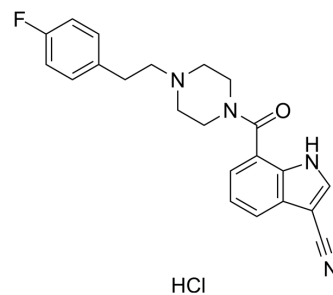


## Pruvanserin hydrochloride

Cat. No.:	HY-103115
CAS No.:	443144-27-2
Molecular Formula:	C <sub>22</sub> H <sub>22</sub> ClFN <sub>4</sub> O
Molecular Weight:	412.89
Target:	5-HT Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Pruvanserin hydrochloride (EMD 281014) is a selective serotonin 5-HT<sub>2A</sub> receptor antagonist with IC<sub>50</sub> values of 0.35 nM and 1 nM for human and rat 5-HT<sub>2A</sub> receptors. Pruvanserin (hydrochloride) can be used for the research of schizophrenia<sup>[1]</sup>.

### REFERENCES

[1]. Bartoszyk GD, et al. EMD 281014, a new selective serotonin 5-HT<sub>2A</sub> receptor antagonist. Eur J Pharmacol. 2003 Jul 25;473(2-3):229-30.

**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