

Product Data Sheet

Product Name: Pruvanserin

Cat. No.: GC72789

Chemical Properties

Cas. No. 443144-26-1

Formula $C_{22}H_{21}FN_4O$

M.Wt 376.43

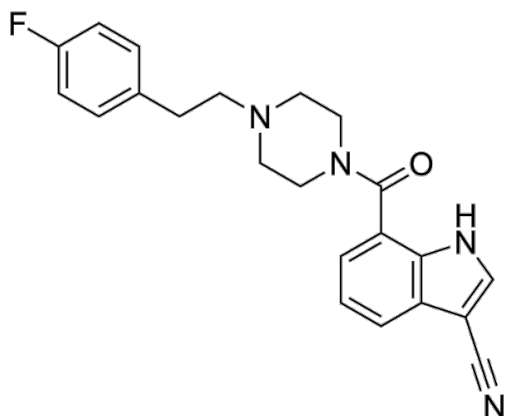
Solubility

Storage -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

Pruvanserin (EMD 281014 free acid) is a selective 5-HT_{2A} receptor antagonist. Pruvanserin alleviates tactile allodynia in diabetic rats. Pruvanserin can also be used for research of insomnia.

References:

- [1]. Abbas A, et al. Pimavanserin tartrate: a 5-HT_{2A} inverse agonist with potential for treating various neuropsychiatric disorders. Expert Opin Pharmacother. 2008 Dec;9(18):3251-9.
- [2]. Mixcoatl-Zecuatl T, et al. A spinal mechanism of action for duloxetine in a rat model of painful diabetic neuropath. Br J Pharmacol. 2011 Sep;164(1):159-69.

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

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