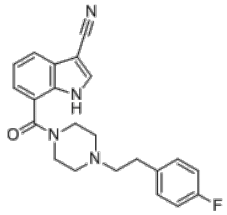
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Data Sheet

Global Supplier of Chemical Probes, Inhibitors & Agonists.

Product Name	:	Pruvanserin
Cat. No.	:	PC-35383
CAS No.	:	443144-26-1
Molecular Formula	:	$C_{22}H_{21}FN_4O$
Molecular Weight	:	376.435
Target	:	5-HT Receptor
Solubility	:	10 mM in DMSO



Biological Activity

Pruvanserin (EMD-281014, LSN2411347, LY-2422347) is a potent, highly selective **5-HT2A** antagonist with Ki of 0.87 nM, displays little to no affinity for 5-HT2C receptors (Ki=557 nM), human D2 receptors and IKr channels.
EMD-281014 significantly increases swimming and decreases immobility in male congenital learned helpless rats in the forced swim test.
EMD-281014 reduces dyskinesia and psychosis in the l-DOPA-treated parkinsonian marmoset.

References

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Patel JG, et al. ***Synapse***. 2004 Apr;52(1):73-5.

Ladduwahetty T, et al. ***Bioorg Med Chem Lett.*** 2006 Jun 15;16(12):3201-4.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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