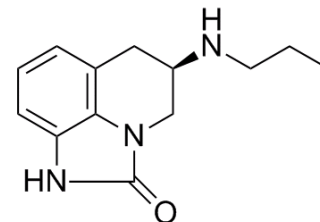


## U91356

Cat. No.:	HY-U00227
CAS No.:	152886-85-6
Molecular Formula:	C <sub>13</sub> H <sub>17</sub> N <sub>3</sub> O
Molecular Weight:	231.29
Target:	Dopamine Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	U91356 is a dopamine receptor agonist.
IC <sub>50</sub> & Target	Dopamine receptor <sup>[1]</sup>
In Vivo	U91356 (U-91356) shows good dopaminergic agonist activity, and has good metabolic stability and oral bioavailability in the rat and monkey <sup>[2]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Kreiss DS, et al. Dopamine receptor agonist potencies for inhibition of cell firing correlate with dopamine D3receptor binding affinities. *Eur J Pharmacol.* 1995 Apr 24;277(2-3):209-14.

[2]. Moon MW, et al. Medicinal chemistry of imidazoquinolinone dopamine receptor agonists. *Drug Des Discov.* 1993;9(3-4):313-22.

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

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