
Product Data Sheet

Product Name: U91356
Cat. No.: GC31287

Chemical Properties

Cas. No. 152886-85-6

SMILES O=C1N2C3=C(C[C@@H](NCCC)C2)C=CC=C3N1

Formula $C_{13}H_{17}N_3O$ M.Wt 231.29

Solubility Soluble in DMSO Storage Store at -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

U91356 is a dopamine receptor agonist.

U91356 (U-91356) shows good dopaminergic agonist activity, and has good metabolic stability and oral bioavailability in the rat and monkey[2].

[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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