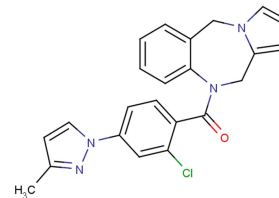


WAY-151932

**Chemical Properties**

CAS No.:	220460-92-4
Formula:	C <sub>23</sub> H <sub>19</sub> ClN <sub>4</sub> O
Molecular Weight:	402.88
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	WAY-151932 is an agonist of the vasopressin V <sub>2</sub> -receptor (IC <sub>50</sub> : 80.3 nM and 778 nM in human-V <sub>2</sub> binding and V <sub>1a</sub> binding assay).
Targets(IC <sub>50</sub> )	human-V <sub>2</sub> binding: 80.3 nM human-V <sub>1a</sub> binding: 778 nM
In vitro	In a dose-dependent manner, WAY-151932 stimulates cAMP formation in LV2 cells expressing the hV <sub>2</sub> receptors (EC <sub>50</sub> : 0.74±0.07 nM) [2].
In vivo	WAY-151932 (p.o.) treatment to water-loaded conscious rats produces a dose-dependent reduction in urine volume (ED <sub>50</sub> =0.14 mg/kg, 2.5% starch in water vehicle) and a corresponding increase in osmolality [2].

**Solubility Information**

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.482 mL	12.411 mL	24.821 mL
5 mM	0.496 mL	2.482 mL	4.964 mL
10 mM	0.248 mL	1.241 mL	2.482 mL
50 mM	0.05 mL	0.248 mL	0.496 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

## Reference

2. Failli AA, et al. Pyridobenzodiazepines: a novel class of orally active, vasopressin V<sub>2</sub> receptor selective agonists. Bioorg Med Chem Lett. 2006 Feb 15;16(4):954-9.

Inhibitors · Natural Compounds · Compound Libraries

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