

## Certificate of Analysis

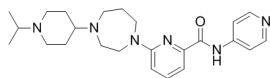
**Product Name:** USL311  
**Cat. No.:** HY-114244  
**CAS No.:** 1373268-67-7  
**Batch No.:** 38895  
**Chemical Name:** 2-Pyridinecarboxamide, 6-[hexahydro-4-[1-(1-methylethyl)-4-piperidiny]-1H-1,4-diazepin-1-yl]-N-4-pyridinyl-

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>24</sub>H<sub>34</sub>N<sub>6</sub>O  
**Molecular Weight:** 422.57  
**Storage:**

Powder	-20°C	3 years
	4°C	2 years
In solvent	-80°C	6 months
	-20°C	1 month

**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** Light yellow to yellow (Solid)  
**<sup>1</sup>H NMR Spectrum:** Consistent with structure  
**LCMS:** Consistent with structure  
**Purity (LCMS):** 99.97%  
**Conclusion:** The product has been tested and complies with the given specifications.

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

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