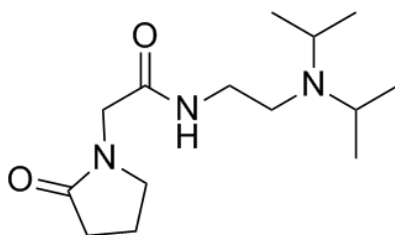


**Product Name** : Pramiracetam  
**Cat. No.** : PC-45271  
**CAS No.** : 68497-62-1  
**Batch No.** : PC-4527101  
**Chemical Name** : 1-Pyrrolidineacetamide, N-[2-[bis(1-methylethyl)amino]ethyl]-2-oxo-

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Weight** : 269.3831  
**Molecular Formula** : C<sub>14</sub>H<sub>27</sub>N<sub>3</sub>O<sub>2</sub>  
**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** : Solid powder  
**<sup>1</sup>H NMR Spectrum** : Consistent with  
**HPLC** : Consistent with  
**NP** : Consistent with  
**Purity (HPLC)** : >98%  
**Conclusion** : The product has been tested and complies with the given specifications.

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

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