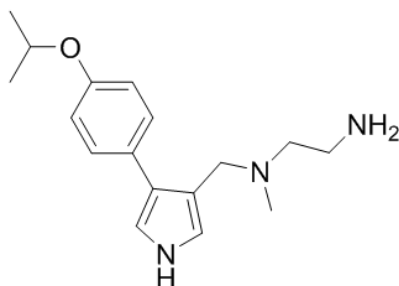


**Product Name** : MS-023  
**Cat. No.** : PC-45658  
**CAS No.** : 1831110-54-3  
**Batch No.** : PC-4565801  
**Chemical Name** : 1,2-Ethanediamine, N1-methyl-N1-[[4-[4-(1-methylethoxy)phenyl]-1H-pyrrol-3-yl]methyl]-

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Weight** : 287.3999  
**Molecular Formula** : C<sub>17</sub>H<sub>25</sub>N<sub>3</sub>O  
**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!**

E-mail: tech@probechem.com