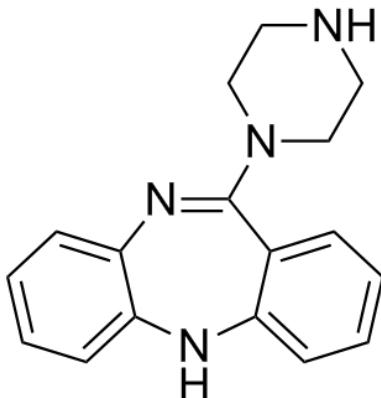


**Product Name** : DREADD agonist compound 21  
**Cat. No.** : PC-42096  
**CAS No.** : 56296-18-5  
**Batch No.** : PC-4209601  
**Chemical Name** : 5H-Dibenzo[b,e][1,4]diazepine, 11-(1-piperazinyl)-

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Weight** : 278.3516  
**Molecular Formula** : C<sub>17</sub>H<sub>18</sub>N<sub>4</sub>  
**Storage** : Powder -20°C 12 Months  
4°C 6 Months  
In solvent -80°C 6 Months  
-20°C 6 Months

**Chemical Structure** :



### ANALYTICAL DATA

**Appearance** : Solid powder  
**<sup>1</sup>H NMR Spectrum** : Consistent with  
**HPLC** : Consistent with  
**NP** : Consistent with  
**Purity (HPLC and/or LCMS)** : >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