

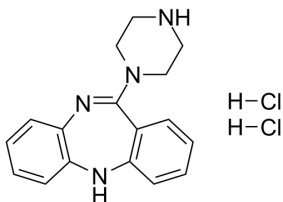
## DREADD agonist 21 (dihydrochloride)

Cat. No.: HY-100234A  
 CAS No.: 2250025-92-2  
 Batch No.: 241283  
 Chemical Name: 11-(Piperazin-1-yl)-5H-dibenzo[b,e][1,4]diazepine dihydrochloride

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{17}H_{20}Cl_2N_4$   
 Molecular Weight: 351.27  
 Storage: 4°C, stored under nitrogen  
 \* In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)

#### Chemical Structure:



### ANALYTICAL DATA

Appearance: Light yellow to yellow (Solid)  
 $^1H$  NMR Spectrum: Consistent with structure  
 LCMS: Consistent with structure  
 Purity (LCMS): 98.53%  
 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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA