

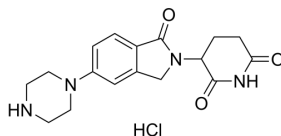
## Lenalidomide 5'-piperazine

Cat. No.: HY-W259932  
CAS No.: 2222120-31-0  
Batch No.: 389825  
Chemical Name: 2,6-Piperidinedione, 3-[1,3-dihydro-1-oxo-5-(1-piperazinyl)-2H-isoindol-2-yl]-, hydrochloride (1:1)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>17</sub>H<sub>21</sub>ClN<sub>4</sub>O<sub>3</sub>  
Molecular Weight: 364.83  
Storage: 4°C, sealed storage, away from moisture  
\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

### Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
LCMS: Consistent with structure  
Purity (HPLC): 98.57%  
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