

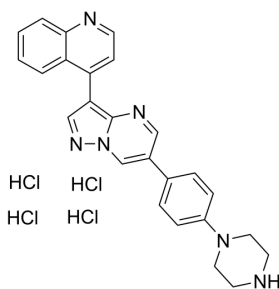
## LDN193189 (Tetrahydrochloride)

Cat. No.: HY-12071A  
CAS No.: 2310134-98-4  
Batch No.: 06241  
Chemical Name: Quinoline, 4-[6-[4-(1-piperazinyl)phenyl]pyrazolo[1,5-a]pyrimidin-3-yl]-, hydrochloride (1:4)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{25}H_{26}Cl_4N_6$   
Molecular Weight: 552.33  
Storage: 4°C, sealed storage, away from moisture  
\* In solvent : -80°C, 1 year; -20°C, 6 months (sealed storage, away from moisture)

### Chemical Structure:



### ANALYTICAL DATA

Appearance: Light yellow to yellow (Solid)  
LCMS: Consistent with structure  
Purity (LCMS): 99.86%  
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.**

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