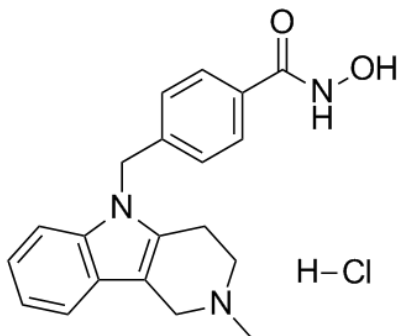


**Product Name** : Tubastatin A hydrochloride  
**Cat. No.** : PC-43450  
**CAS No.** : 1310693-92-5  
**Batch No.** : PC-4345001  
**Chemical Name** : Benzamide, N-hydroxy-4-[(1,2,3,4-tetrahydro-2-methyl-5H-pyrido[4,3-b]indol-5-yl)methyl]-, hydrochloride (1:1)

## PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Weight** :  
**Molecular Formula** :  $C_{20}H_{22}ClN_3O_2$   
**Storage** : Powder -20°C 12 Months  
 4°C 6 Months  
 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 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!**

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