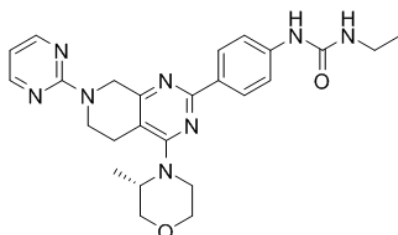


**Product Name** : mTOR-IN-1  
**Cat. No.** : PC-45461  
**CAS No.** : 1207358-59-5  
**Batch No.** : PC-4546101  
**Chemical Name** : Urea, N-ethyl-N'-[4-[5,6,7,8-tetrahydro-4-[(3S)-3-methyl-4-morpholinyl]-7-(2-pyrimidinyl)pyrido[3,4-d]pyrimidin-2-yl]phenyl]-

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Weight** : 474.5581  
**Molecular Formula** : C<sub>25</sub>H<sub>30</sub>N<sub>8</sub>O<sub>2</sub>  
**Storage** : Powder                     -20°C   3 years  
  4°C    2 years  
  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)** : >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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