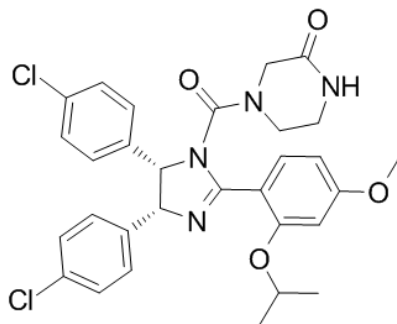


**Product Name** : Nutlin-3b  
**Cat. No.** : PC-44349  
**CAS No.** : 675576-97-3  
**Batch No.** : PC-4434901  
**Chemical Name** : 2-Piperazinone, 4-[[[(4R,5S)-4,5-bis(4-chlorophenyl)-4,5-dihydro-2-[4-methoxy-2-(1-methylethoxy)phenyl]-1H-imidazol-1-yl]carbonyl]-

## PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Weight** : 581.4896  
**Molecular Formula** : C<sub>30</sub>H<sub>30</sub>Cl<sub>2</sub>N<sub>4</sub>O<sub>4</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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