

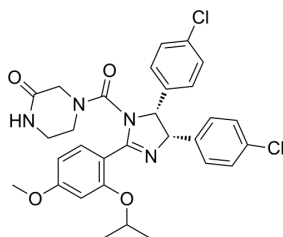
## Nutlin-3a

Cat. No.: HY-10029  
 CAS No.: 675576-98-4  
 Batch No.: 242429  
 Chemical Name: 2-Piperazinone, 4-[[[(4S,5R)-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 Formula:  $C_{30}H_{30}Cl_2N_4O_4$   
 Molecular Weight: 581.49  
 Storage: Powder -20°C 3 years  
 In solvent -80°C 1 years  
 -20°C 6 months

Chemical Structure:



### ANALYTICAL DATA

Appearance: White to light yellow (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
 LCMS: Consistent with structure  
 Purity (LCMS): 98.89%  
 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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