

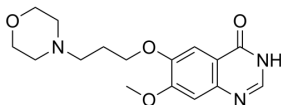
## Gefitinib impurity 5

Cat. No.: HY-133779  
CAS No.: 199327-61-2  
Batch No.: 288528  
Chemical Name: 4(3H)-Quinazolinone, 7-methoxy-6-[3-(4-morpholinyl)propoxy]-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>16</sub>H<sub>21</sub>N<sub>3</sub>O<sub>4</sub>  
Molecular Weight: 319.36  
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: White to off-white (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
Purity (HPLC): 97.43%  
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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