

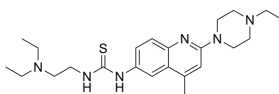
**D-I03**

Cat. No.: HY-124691  
CAS No.: 688342-78-1  
Batch No.: 68035  
Chemical Name: Thiourea, N-[2-(diethylamino)ethyl]-N'-[2-(4-ethyl-1-piperazinyl)-4-methyl-6-quinolinyl]-

**PHYSICAL AND CHEMICAL PROPERTIES**

Molecular Formula: C<sub>23</sub>H<sub>36</sub>N<sub>6</sub>S  
Molecular Weight: 428.64  
Storage: Powder      -20°C    3 years  
                              4°C      2 years  
                              In solvent    -80°C    2 years  
  -20°C    1 year

Chemical Structure:

**ANALYTICAL DATA**

Appearance: Off-white to light yellow (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
Purity (HPLC): 99.92%  
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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