

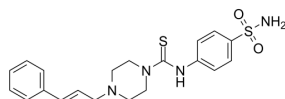
## LF3

Cat. No.: HY-101486  
CAS No.: 664969-54-4  
Batch No.: 114138  
Chemical Name: 1-Piperazinecarbothioamide, N-[4-(aminosulfonyl)phenyl]-4-(3-phenyl-2-propen-1-yl)-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>20</sub>H<sub>24</sub>N<sub>4</sub>O<sub>2</sub>S<sub>2</sub>  
Molecular Weight: 416.56  
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  
LCMS: Consistent with structure  
Purity (LCMS): 99.55%  
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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