

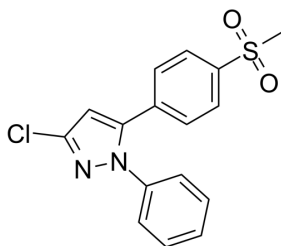
## Certificate of Analysis

**Product Name:** FR-188582  
**Cat. No.:** HY-U00146  
**CAS No.:** 189699-82-9  
**Batch No.:** 45016  
**Chemical Name:** 1H-Pyrazole, 3-chloro-5-[4-(methylsulfonyl)phenyl]-1-phenyl-

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>16</sub>H<sub>13</sub>ClN<sub>2</sub>O<sub>2</sub>S  
**Molecular Weight:** 332.80  
**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:** Light yellow to yellow (Solid)  
**<sup>1</sup>H NMR Spectrum:** Consistent with structure  
**LCMS:** Consistent with structure  
**Purity (LCMS):** 99.21%  
**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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