

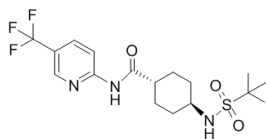
## Certificate of Analysis

**Product Name:** Velneperit  
**Cat. No.:** HY-14423  
**CAS No.:** 342577-38-2  
**Batch No.:** 19416  
**Chemical Name:** Cyclohexanecarboxamide, 4-[[[(1,1-dimethylethyl)sulfonyl]amino]-N-[5-(trifluoromethyl)-2-pyridinyl]-, trans-

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>17</sub>H<sub>24</sub>F<sub>3</sub>N<sub>3</sub>O<sub>3</sub>S  
**Molecular Weight:** 407.45  
**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):** 99.65%  
**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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