

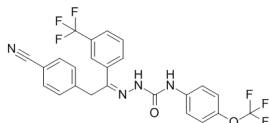
## Certificate of Analysis

**Product Name:** Metaflumizone  
**Cat. No.:** HY-116448  
**CAS No.:** 139968-49-3  
**Batch No.:** 39947  
**Chemical Name:** Hydrazinecarboxamide,2-[2-(4-cyanophenyl)-1-[3-(trifluoromethyl)phenyl]ethylidene]-N-[4-(trifluoromethoxy)phenyl]-

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>24</sub>H<sub>16</sub>F<sub>6</sub>N<sub>4</sub>O<sub>2</sub>  
**Molecular Weight:** 506.40  
**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 (HPLC):** 96.09%  
**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.**

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA