Certificate of Analysis

Diflufenican

Cat. No.: HY-W040206
CAS No.: 83164-33-4
Batch No.: 253364

Chemical Name: 3-Pyridinecarboxamide, N-(2,4-difluorophenyl)-2-[3-(trifluoromethyl)phenoxy]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{19}H_{11}F_5N_2O_2$

Molecular Weight: 394.29

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: Off-white to light yellow (Solid)

¹H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): 99.71%

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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