



CERTIFICATE OF ANALYSIS

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1. Identification

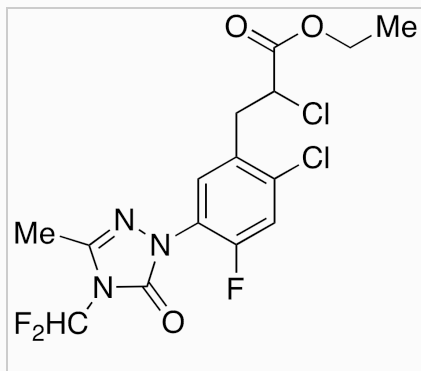
Catalogue Number: C183455

CAS Number: 128639-02-1

Product: Carfentrazone Ethyl Ester

Synonym: Ethyl(RS)-2-chloro-3-[2-chloro-5-[4-(difluoromethyl)-4,5-dihydro-3-methyl-5-oxo-1H-1,2,4-triazol-1-yl]-4-fluorophenyl]propionate; F 8426; Kuaimieling; Quicksilver T&O; Spotlight; Spotlight (triazolinone herbicide); Spotlight 24EC; Spotlight Plus; Task; Task (herbicide); Aim; Aim (herbicide); Aurora; Aurora (pesticide); Aurora 50WG; α ,2-Dichloro-5-[4-(difluoromethyl)-4,5-dihydro-3-methyl-5-oxo-1H-1,2,4-triazol-1-yl]-4-fluorobenzenepropanoic Acid Ethyl Ester

Structure:



Molecular Formula:

C₁₅H₁₄Cl₂F₃N₃O₃

Molecular weight:

412.19

Source of Product:

N/A

Solubility:

Chloroform (Slightly),
Methanol (Slightly)

Lot Number: 1-KME-30-1

Purity: 96%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Light Brown to Brown Thick Oil	Light Brown to Brown Thick Oil
NMR	Conforms to Structure	Conforms
F NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	95.55% (210 nm)

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By

Sarbjot Kaur



Reviewed By

Toni Rantanen



**C of A Approved
By**

Chanell Chu



Test Date

11/10/2023

Retest Date

11/8/2030