



CERTIFICATE OF ANALYSIS

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1. Identification

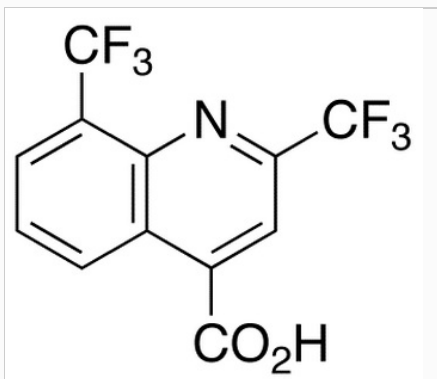
Catalogue Number: C178700

CAS Number: 35853-50-0

Product: Carboxymefloquine

Synonym: 2,8-Bis(trifluoromethyl)-4-quinolinecarboxylic Acid; Ro 21-5104;

Structure:



Molecular Formula:

C₁₂H₅F₆NO₂

Molecular weight:

309.16

Source of Product:

Synthetic

Solubility:

Methanol (Slightly)

Lot Number: 12-SHG-164-11

Purity: 98%

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

Storage Condition: -20°C

2. Warning

Warning 1: Not Determined

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Light Orange Solid	Light Orange Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 46.75, %H: 1.34, %N: 4.38
HPLC Purity	>95%	99.38% (225 nm)
F NMR	Conforms to Structure	Conforms

Additional Information:

TLC Conditions: SiO₂; Dichloromethane : Methanol : Acetic Acid = 9 : 1 : 0.1; Visualized with UV and KMnO₄; Single Spot, R_f = 0.60.
Elemental Analysis: (Theoretical) %C: 46.62, %H: 1.63, %N: 4.53
Contains: ~1% Ethyl Acetate

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 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	Reviewed By	C of A Approved By	Test Date	Retest Date
Neha Khanna	Nicole Yip	My Nguyen	10/11/2019	10/9/2029