



CERTIFICATE OF ANALYSIS

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1. Identification

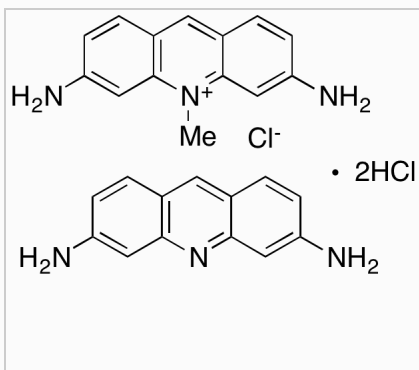
Catalogue Number: A191090

CAS Number: 69235-50-3

Product: Acriflavine Hydrochloride (>90%)

Synonym: Acriflavine Dihydrochloride; Acriflavinium Chloride; Flavacridine Hydrochloride; NSC 689003

Structure:



Molecular Formula:

C₂₇H₂₇Cl₃N₆

Molecular weight:

541.9

Source of Product:

N/A

Solubility:

DMSO (Slightly), Methanol (Slightly), Water (Slightly)

Lot Number: 2-YJK-106-1

Purity: >90%

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	Orange to Dark Brown Solid	Dark Red Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 53.14, %H: 5.25, %N: 13.45
Water Content	Report Result	6.3% by Karl Fischer

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	Reviewed By	C of A Approved By	Test Date	Retest Date
Hanxiang Li	Toni Rantanen	Chanell Chu	6/4/2021	6/2/2028
				