



CERTIFICATE OF ANALYSIS

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1. Identification

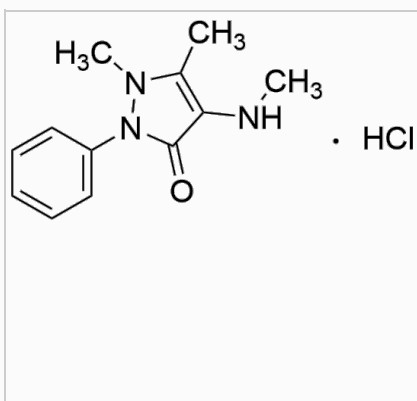
Catalogue Number: M272160

CAS Number: 856307-27-2

Product: 4-Methylaminoantipyrine Hydrochloride

Synonym: N,1,5-Trimethyl-2-phenyl-2,3-dihydro-1H-pyrazol-4-amine Hydrochloride; 1,5-Dimethyl-4-(methylamino)-2-phenyl-1,2-dihydro-3H-pyrazol-3-one Hydrochloride;

Structure:



Molecular Formula:

C₁₂H₁₅N₃O · HCl

Molecular weight:

217.27 + 36.46

Source of Product:

N/A

Solubility:

Chloroform (Slightly,
Sonicated), DMSO (Slightly),
Water (Slightly)

Lot Number: 2023-JPO-192

Purity: 98%

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	Pale Orange to Light Brown Solid	Light Brown Solid
Elemental Analysis	Conforms	%C: 57.35, %H: 6.04, %N: 16.72
NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	99.87% (245 nm)
Chloride Content	Report Result	14.4%
MS	Conforms to Structure	Conforms

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 ± 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
Sarbjeet Kaur	Toni Rantanen	Chanell Chu	4/28/2023	4/26/2027