



CERTIFICATE OF ANALYSIS

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1. Identification

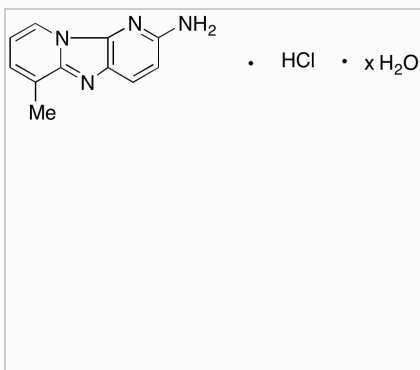
Catalogue Number: A616100

CAS Number: NA

Product: 2-Amino-6-methyldipyrido[1,2-a:3',2'-d]imidazole Hydrochloride Hydrate

Synonym: 6-Methylpyrido[3',2':4,5]imidazo[1,2-a]pyridin-2-amine Monohydrochloride Hydrate; Glu-P 1;

Structure:



Molecular Formula:

C₁₁H₁₀N₄ • HCl • x(H₂O)

Molecular weight:

198.22 + 36.46 + x(18.02)

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 17-ISU-124-2

Purity: 96%

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

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Pale Yellow to Black Solid	Very Dark Yellow to Brown Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 50.27, %H: 5.08, %N: 20.97
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	98.49% (250 nm)
Water Content	Report Result	10.7% 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
Sarbjeet Kaur	Toni Rantanen	Chanell Chu	9/6/2022	9/4/2026