



CERTIFICATE OF ANALYSIS

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1. Identification

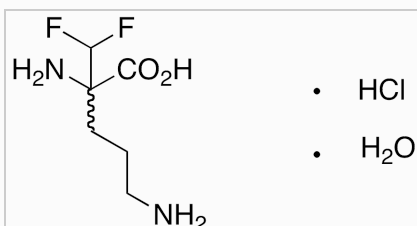
Catalogue Number: E436000

CAS Number: 96020-91-6

Product: Eflornithine Hydrochloride Monohydrate

Synonym: 2-(Difluoromethyl)-DL-ornithine Hydrochloride Hydrate; 2-(Difluoromethyl)ornithine; DFMO; DL-2-(Difluoromethyl)ornithine; DL- α -(Difluoromethyl)ornithine; Elflornithine; MDL 71782; MDL 71782A; Ornidyl; RFI 71782; RMI 71782; α,δ -Diamino- α -(difluoromethyl)

Structure:



Molecular Formula:

C₆H₁₂F₂N₂O₂ • HCl • H₂O

Molecular weight:

182.17 + 36.46 + 18.02

Source of Product:

N/A

Solubility:

Methanol (Slightly), Water (Slightly)

Lot Number: 2023-MYF-045

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	White to Off-White Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	98.07% (ELSD)
MS	Conforms to Structure	Conforms
F NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 30.42, %H: 6.32, %N: 11.71
Water Content	Report Result	8.2% 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
Nicole Yip	Toni Rantanen	Chanell Chu	10/4/2023	10/2/2027