

Certificate of Analysis

Eflornithine (hydrochloride hydrate)

 Cat. No.:
 HY-B0744B

 CAS No.:
 96020-91-6

 Batch No.:
 288655

Chemical Name: Ornithine, 2-(difluoromethyl)-, hydrochloride, hydrate (1:1:1)

PHYSICAL AND CHEMICAL PROPERTIES

 $\label{eq:control_of_solution} \mbox{Molecular Formula:} \qquad \qquad \mbox{C}_6\mbox{H}_{15}\mbox{ClF}_2\mbox{N}_2\mbox{O}_3$

Molecular Weight: 236.64

Storage: 4°C, sealed storage, away from moisture

* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:

$$H_2N$$
 NH_2
 NH_2

H-CI

 H_2O

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

MS: Consistent with structure

Purity (NMR): ≥98.0%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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