

## LM11A-31 (dihydrochloride)

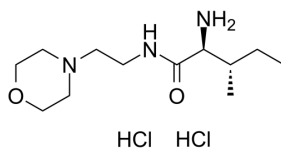
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Cat. No.: HY-110155  
CAS No.: 1243259-19-9  
Batch No.: 46910  
Chemical Name: Pentanamide, 2-amino-3-methyl-N-[2-(4-morpholinyl)ethyl]-, hydrochloride (1:2), (2S,3S)-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>12</sub>H<sub>27</sub>Cl<sub>2</sub>N<sub>3</sub>O<sub>2</sub>  
Molecular Weight: 316.27  
Storage: 4°C, stored under nitrogen, away from moisture  
\* In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen, away from moisture)

### Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
<sup>1</sup>H NMR Spectrum: 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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