

Certificate of Analysis

Saxagliptin (hydrochloride)

Cat. No.: HY-16448 CAS No.: 709031-78-7 Batch No.: 322754

Chemical Name: 2-Azabicyclo[3.1.0]hexane-3-carbonitrile, 2-[(2S)-2-amino-2-(3-hydroxytricyclo[3.3.1.13,7]dec-1-

yl)acetyl]-, hydrochloride (1:1), (1S,3S,5S)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{18}H_{26}CIN_3O_2$

Molecular Weight: 351.87

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

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

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid) ¹H NMR Spectrum: Consistent with structure LCMS: Consistent with structure

Purity (LCMS): 99.71%

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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