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## Certificate of Analysis

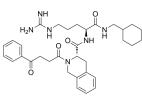
### PS372424 (hydrochloride)

Cat. No.:	HY-111149A
CAS No.:	1596362-29-6
Batch No.:	78762
Chemical Name:	3-Isoquinolinecarboxamide, N-[(1S)-4-[(aminoiminomethyl)amino]-1-[[(cyclohexylmethyl)amin
	o]carbonyl]butyl]-2-(1,4-dioxo-4-phenylbutyl)-1,2,3,4-tetrahydro-, hydrochloride (1:1), (3S)-

#### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C <sub>33</sub> H <sub>45</sub> ClN <sub>6</sub> O <sub>4</sub>
Molecular Weight:	625.20
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-CI

#### ANALYTICAL DATA

Appearance:	White to off-white (Solid)
Purity:	≥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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