

Certificate of Analysis

IUPAC tert-Butyl (4-((2-(2,6-dioxopiperidin-3-yl)-1,3-dioxoisoindolin-4-

yl)amino)butyl)carbamate

 $\begin{tabular}{lll} \textbf{Molecular Weight} & 444.49 \\ \textbf{Molecular Formula} & C_{22}H_{28}N_4O_6 \\ \textbf{Physical State} & Solid \\ \textbf{Storage} & -20 \ ^{\circ}\text{C} \\ \end{tabular}$

Expiration Date One year from date of receipt **Lot Number**

Analysis	Specification	Result
Physical Examination	White Solid	PASS
TLC	Ninhydrin: positive Iodine: one major spot	PASS
Chemical Purity (HPLC)	>95%	PASS
Mass Spectroscopy	$[M+H]^+ = 444.49 \pm 1 \text{ amu}$	$[M+H]^+ = 444.7$
¹ H NMR	Consistent with structure	PASS

Approved by The Head of Quality Assurance Department:

