

Catalog No.:	231123
Batch No.:	RAJ041-C
CAS No.:	200344-33-8
Molecular Formula:	C <sub>23</sub> H <sub>23</sub> N <sub>3</sub> O <sub>5</sub>
Molecular Weight:	397.4
Manufacturing Date:	Sep-18-2020
Retest Date:	Sep-18-2022
Recommend Long Term Storage Condition:	Cool dry place(2-8°C)/Shelf-life 24months

## Analytical Results

Tests Items	Specifications	Results
1. Description	White to off-white powder	White Power
2. Identification By HPLC	The retention time of the major peak in the chromatogram of the test preparation should correspond to that in the chromatogram of standard preparation in the test of assay by HPLC.	Complies
3. Identification By FT-IR	Sample spectra should correspond to that standard spectra	Complies
4. Water content by KF (% w/w)	≤1.0%	0.2%
5. Specific Optical Rotation [α] 20°C (C=2 in DMF)	+8.0°±3.0°	+9.6°
6. Melting point	155.0°C -175.0°C	163.3°C -164.6°C
7. Chromatographic Purity by HPLC(%area normalization)		
Purity	≥99.0%	99.3%
Any unspecified impurity	≤0.5%	0.2%
Total impurity	≤1.0%	0.7%
8. Assay by HPLC (% w/w)	98.0%-102.0%	98.9%