

<b>Batch No:</b> 20171126		<b>Quantity:</b> 39kg
<b>Manufacture Date:</b> Nov.26.2017		<b>CAS:</b> 936563-96-1
<b>Expiration date :</b> Nov.25, 2019		
<b>Items</b>	<b>Specifications</b>	<b>Results</b>
Appearance	White to off-white crystalline powder	White crystalline powder
Identification	H-NMR, MS	Complies
Solubility	Soluble in DMSO and THF slightly soluble in MeOH, insoluble in H <sub>2</sub> O	Soluble in DMSO and THF slightly soluble in MeOH, insoluble in H <sub>2</sub> O
Melting point	154~159°C	155.3°C
Specific rotation	-122~-132°	-125.4°
Residual Solvents	MeOH≤0.3%	ND
	EtOH≤0.5%	ND
	Acetone≤0.5%	0.07%
	ACN≤0.041%	ND
	EtOAc≤0.5%	0.0003%
	THF≤0.072%	ND
	2-Me THF≤0.072%	ND
	n-Heptane≤0.5%	0.0004%
	Toluene≤0.089	ND

Residue on ignition	$\leq 0.5\%$	0.05%
Loss on Drying	$\leq 0.5\%$	0.25%
Heavy metal	$\leq 10\text{ppm}$	$< 10\text{ppm}$
Related substances	IBR-IM-D $\leq 0.1\%$	0.02%
	IBR-IM-G $\leq 0.1\%$	ND
	IBR-IM-H $\leq 0.1\%$	ND
	IBR-IM-I $\leq 0.1\%$	ND
	IBR-IM-O $\leq 0.1\%$	0.04%
Related Impurity by HPLC	Single impurity $\leq 0.1\%$	0.05%
	Total impurity $\leq 0.5\%$	0.14%
EE%	$\geq 99.0\%$	99.81%
Purity (HPLC)	$\geq 99.5\%$	99.86%

