

Certificate of Analysis

Product Name	6-BROMO-2-CHLORO-8-CYCLOPEN TYL-5-METHYL PYRIDO[2,3-D]PYRIMIDIN-7(8H)- ONE CAS: 1016636-76-2	Quantity	5KG
Manufacture Date	2023.11.13	Retest Date	2025.11.12
Batch Number	HM0034-223001	Issue Date	2024.03.11

Item	Specification	Test result
Appearance	Off-white to white powder	White powder
Solubility	Slightly soluble in dimethylformamide	Conforms
Identification	IR: The IR spectrum of sample should have the specific wave numbers at 1660cm^{-1} , 1568cm^{-1} , $1251\text{cm}^{-1} \pm 10\text{cm}^{-1}$	Conforms
	HPLC: The retention time of the major peak in the Chromatogram of the test solution should correspond to that of the standard solution, as obtained in the Assay by HPLC method	Conforms
Related Substances	BCP $\leq 0.20\%$	ND
	BCA $\leq 0.20\%$	ND
	CCO $\leq 1.0\%$	0.25%
	Any unspecified impurity $\leq 0.50\%$	0.07%
	Total impurities $\leq 2.0\%$	0.34%
Loss on drying	$\leq 1.0\%$	0.03%
Assay(on dried basis)	98.0%~102.0%	101.0%
Conclusion	Conforms to the requirements of In-house specification	
Storage	Store in a tightly closed container, at room temperatre	

SURVEYOR: LIYONG

CHIEF INSPECTOR: LIHONG

