

Certificate of Analysis

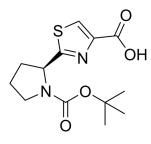
Antibiotic-5d

Cat. No.:	HY-100833
CAS No.:	251349-54-9
Batch No.:	22897
Chemical Name:	4-Thiazolecarboxylic acid, 2-[(2S)-1-[(1,1-dimethylethoxy)carbonyl]-2-pyrrolidinyl]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{13}H_{18}N_2O_4S$		
Molecular Weight:	298.36		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month

Chemical Structure:



ANALYTICAL DATA

Appearance:	White to off-white (Solid)
¹ H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (LCMS):	99.70%
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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