

Certificate of Analysis

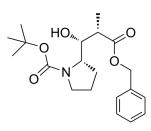
Monomethyl auristatin E intermediate-15

Cat. No.:	HY-79196
CAS No.:	173653-47-9
Batch No.:	13450
Chemical Name:	$2\mbox{-}Pyrrolidine propanoic acid, 1\mbox{-}[(1,1\mbox{-}dimethyle thoxy) carbonyl]\mbox{-}\beta\mbox{-}hydroxy\mbox{-}\alpha\mbox{-}methyl\mbox{-}, phenylmet$
	hyl ester, [2S-[2R*(αR*,βS*)]]- (9CI)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₂₀ H ₂₉ NO ₅		
Molecular Weight:	363.45		
Storage:	Pure form	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month

Chemical Structure:



ANALYTICAL DATA

Appearance:	Colorless to light yellow (Oil)
¹ H NMR Spectrum:	Consistent with structure
Purity (HPLC):	96.63%
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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