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## Certificate of Analysis

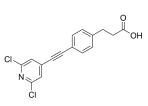
### TUG-499

Cat. No.:	HY-148418
CAS No.:	1206629-08-4
Batch No.:	357794
Chemical Name:	Benzenepropanoic acid, 4-[2-(2,6-dichloro-4-pyridinyl)ethynyl]-

#### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{16}H_{11}Cl_2NO_2$		
Molecular Weight:	320.17		
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)
<sup>1</sup> H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (LCMS):	99.78%
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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