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Certificate of Analysis

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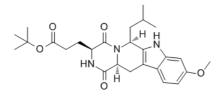
Product Name	: Ko143
Cat. No.	: PC-42054
CAS No.	: 461054-93-3
Batch No.	: PC-4205401
Chemical Name	 Pyrazino[1',2':1,6]pyrido[3,4-b]indole-3-propanoic acid, 1,2,3,4,6,7,12,12a-octahydro-9- methoxy-6-(2-methylpropyl)-1,4-dioxo-, 1,1-dimethylethyl ester, (3S,6S,12aS)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Weight	: 469.5732	
Molecular Formula	: C ₂₆ H ₃₅ N ₃ O ₅	
Storage	: Powder	-20°C 12 Months
		4°C 6 Months
	In solvent	-80°C 6 Months
		-20°C 6 Month

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Chemical Structure



ANALYTICAL DATA	
Appearance	: Solid powder
¹ H NMR Spectrum	: Consistent with
HPLC	: Consistent with
NP	: Consistent with
Purity (HPLC and/or LCMS)	: >98%
Conclusion	: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. Lab Use Only! E-mail: tech@probechem.com