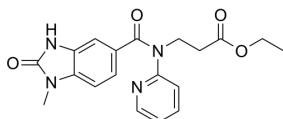


## Certificate of Analysis

<b>Product Name:</b>	Dabigatran Impurity 29
<b>Cat. No.:</b>	CS-0165909
<b>CAS No.:</b>	1642853-67-5
<b>Batch No.:</b>	Le1130110921
<b>Chemical Name:</b>	$\beta$ -Alanine, N-[(2,3-dihydro-1-methyl-2-oxo-1H-benzimidazol-5-yl)carbonyl]-N-2-pyridinyl-, ethyl ester

### PHYSICAL AND CHEMICAL PROPERTIES

<b>Molecular Formula:</b>	C <sub>19</sub> H <sub>20</sub> N <sub>4</sub> O <sub>4</sub>
<b>Molecular Weight:</b>	368.39
<b>Storage:</b>	Store at room temperature
<b>Chemical Structure:</b>	



### ANALYTICAL DATA

<b>Appearance:</b>	White to off-white (Solid)
<b><sup>1</sup>H NMR Spectrum:</b>	Consistent with structure
<b>LCMS:</b>	Consistent with structure
<b>Purity (LCMS):</b>	98.03%
<b>Conclusion:</b>	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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