Dabigatran (ethyl ester)

MedChemExpress

Cat. No.:	HY-17378
CAS No.:	429658-95-7
Batch No.:	10860
Chemical Name:	β-Alanine, N-[[2-[[[4-(aminoiminomethyl)phenyl]amino]methyl]-1-methyl-1H-benzimidazol-5-yl
]carbonyl]-N-2-pyridinyl-, ethyl ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₂₇ H ₂₉ N ₇ O ₃		
Molecular Weight:	499.56		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year

Chemical Structure:

 $\underset{H_{2}N}{\overset{}_{H_{2}N}} \underset{NH}{\overset{}_{H_{2}}} \overset{N}{\overset{}_{H_{2}}} \overset{O}{\overset{}_{N}} \underset{N}{\overset{}_{H_{2}}} \overset{O}{\overset{}_{N}} \overset{O}{\overset{}_{N} \overset{O}{\overset{}_{N}} \overset{O}{} \overset{}_{N} \overset{O}{} \overset{O}{} \overset{O}{$

ANALYTICAL DATA

Appearance:	White to off-white (Solid)
MS:	Consistent with structure
Purity (HPLC):	98.09%
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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Certificate of Analysis