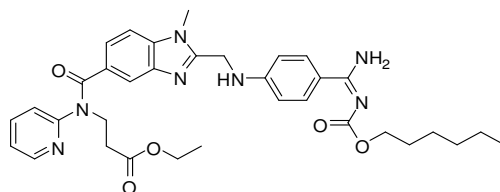




Certificate of Analysis

Axon Catalogue ID: 3117 **Batch Number:** 1
Product Name: Dabigatran etexilate
Alternative Name(s): BIBR 1048
IUPAC Name: Ethyl 3-[[[2-[[4-(N-hexoxycarbonylcarbamidoyl)anilino]methyl]-1-methylbenzimidazole-5-carbonyl]-pyridin-2-ylamino]propanoate

Structure:



Amount:

CAS number(s): 211915-06-9
Molecular Formula: C₃₄H₄₁N₇O₅ **Molecular Weight:** 627.73
Batch Molecular Formula: C₃₄H₄₁N₇O₅ **Batch Molecular Weight:** 627.73
Appearance: Pale-yellow solid **Observed mp:** 88.8 - 95.4 °C
TLC (R_f): 0.9 DCM/EtOH (9:1)
Chemical Purity: 98.8%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 65.05, H 6.85, N 15.62; Found: C 64.65, H 6.56, N 15.62
Storage Conditions: Store at -20 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)	6.0	9.6	
	DMSO	36.0	57.3	
	EtOH			Not Tested

Remarks:

QC Date: 23-07-2020

The purity of Axon Ligands is confirmed by HPLC, MS, NMR and/or microanalysis. Analytical data are available upon request. Request can be submitted by e-mail to info@axonmedchem.com indicating Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only