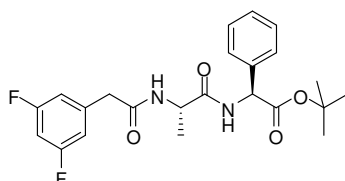




Certificate of Analysis

Axon Catalogue ID: 1484 **Batch Number:** 2
Product Name: DAPT
Alternative Name(s): N.A.
IUPAC Name: N-[(3,5-Difluorophenyl)acetyl]-L-alanyl-2-phenyl]glycine-1,1-dimethylethyl ester

Structure:



Amount:

CAS number(s): 208255-80-5
Molecular Formula: C₂₃H₂₆F₂N₂O₄ **Molecular Weight:** 432.46
Batch Molecular Formula: C₂₃H₂₆F₂N₂O₄ **Batch Molecular Weight:** 432.46
Appearance: White solid **Observed mp:** 137.5 - 138.6 °C
TLC (R_f): 0.75 DCM/MeOH (9:1)
Chemical Purity: 99.7%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 63.88, H 6.06, N 6.48; Found: C ND, H ND, N ND
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	43.2	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 19-06-2018

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