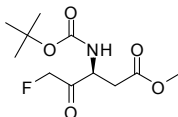




Certificate of Analysis

Axon Catalogue ID: 2158 **Batch Number:** 2
Product Name: BOC-D-FMK
Alternative Name(s): Boc-Asp(OMe)-fluoromethyl ketone; BAF
IUPAC Name: (S)-methyl 3-(tert-butoxycarbonylamino)-5-fluoro-4-oxopentanoate

Structure:



Amount:

CAS number(s): 187389-53-3
Molecular Formula: C₁₁H₁₈FNO₅ **Molecular Weight:** 263.26
Batch Molecular Formula: C₁₁H₁₈FNO₅ **Batch Molecular Weight:** 263.26
Appearance: Colorless oil **Observed mp:** NA
TLC (R_f): 0.3 EtOAc/Hexane (1:4)
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 50.19, H 6.89, N 5.32; Found: C 50.04, H 7.18, N 5.18
Storage Conditions: Store at -20 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	26.3	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 04-01-2016

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