Yasuda-Shedlovsky Result

Sample name:	**CS000078**	Experiment start time:	**09/08/2011 15:48:47**
Assay name:	**Fast UV psKa**	Analyst:	
Assay ID:	**11H-09015**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1108\11H-09015_CS000078_Fast UV psKa.t3r**		

Yasuda-Shedlovsky result

Extrapolation type	pKa 0%	SD	Intercept	Slope	R^2	Ionic strength	Temperature

Component assay results

Titration	DMSO weight%	Direction	Result type	Dielectric constant	[H2O]	Ionic strength	Temperature
11H-09015 Points 106 to 157	19.39 %	Up	UV-metric pKa	76.5	45.4 M	0.207 M	27.9°C
11H-09015 Points 54 to 105	26.27 %	Up	UV-metric pKa	76.3	41.8 M	0.207 M	27.5°C
11H-09015 Points 3 to 53	36.49 %	Up	UV-metric pKa	75.5	36.3 M	0.199 M	27.8°C

Graphs

Sample name:	**CS000078**	Experiment start time:	**09/08/2011 15:48:47**
Assay name:	**Fast UV psKa**	Analyst:	
Assay ID:	**11H-09015**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1108\11H-09015_CS000078_Fast UV psKa.t3r**		

Fast UV psKa Titration 1 of 3 11H-09015 Points 3 to 53

Graphs

Sample name:	**CS000078**	Experiment start time:	**09/08/2011 15:48:47**
Assay name:	**Fast UV psKa**	Analyst:	
Assay ID:	**11H-09015**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1108\11H-09015_CS000078_Fast UV psKa.t3r**		

Fast UV psKa Titration 2 of 3 11H-09015 Points 54 to 105

Graphs

Sample name:	**CS000078**	Experiment start time:	**09/08/2011 15:48:47**
Assay name:	**Fast UV psKa**	Analyst:	
Assay ID:	**11H-09015**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1108\11H-09015_CS000078_Fast UV psKa.t3r**		

Fast UV psKa Titration 3 of 3 11H-09015 Points 106 to 157

Graphs

Sample name:	**CS000078**	Experiment start time:	**09/08/2011 15:48:47**
Assay name:	**Fast UV psKa**	Analyst:	
Assay ID:	**11H-09015**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1108\11H-09015_CS000078_Fast UV psKa.t3r**		

Assay Model

Settings	Value	Date/Time changed	Imported from
Sample name	CS000078		
Sample by	Volume		
Sample volume	0.0200 mL		
Solvent	DMSO		
Sample concentration	0.010000 M		
Solubility	Unknown	09/08/2011 12:20:47	E:\T3 DATA\1108\11H-04012_CS000100_pH-metric psKa.t3r
Molecular weight	469.31		
Individual pKa ionic environments	No		
Number of pKas	0		
logP (neutral X)	-10.00	09/08/2011 12:20:47	E:\T3 DATA\1108\11H-04012_CS000100_pH-metric psKa.t3r