Yasuda-Shedlovsky Result

Sample name:	**CS000073**	Experiment start time:	**09/08/2011 14:30:42**
Assay name:	**Fast UV psKa**	Analyst:	
Assay ID:	**11H-09012**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1108\11H-09012_CS000073_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-09012 Points 105 to 156	20.02 %	Up	UV-metric pKa	76.5	45.0 M	0.206 M	27.9°C
11H-09012 Points 53 to 104	27.43 %	Up	UV-metric pKa	76.3	41.1 M	0.205 M	27.4°C
11H-09012 Points 3 to 52	38.80 %	Up	UV-metric pKa	75.3	35.1 M	0.196 M	27.6°C

Graphs

Sample name:	**CS000073**	Experiment start time:	**09/08/2011 14:30:42**
Assay name:	**Fast UV psKa**	Analyst:	
Assay ID:	**11H-09012**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1108\11H-09012_CS000073_Fast UV psKa.t3r**		

Fast UV psKa Titration 1 of 3 11H-09012 Points 3 to 52

Graphs

Sample name:	**CS000073**	Experiment start time:	**09/08/2011 14:30:42**
Assay name:	**Fast UV psKa**	Analyst:	
Assay ID:	**11H-09012**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1108\11H-09012_CS000073_Fast UV psKa.t3r**		

Fast UV psKa Titration 2 of 3 11H-09012 Points 53 to 104

Graphs

Sample name:	**CS000073**	Experiment start time:	**09/08/2011 14:30:42**
Assay name:	**Fast UV psKa**	Analyst:	
Assay ID:	**11H-09012**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1108\11H-09012_CS000073_Fast UV psKa.t3r**		

Fast UV psKa Titration 3 of 3 11H-09012 Points 105 to 156

Graphs

Sample name:	**CS000073**	Experiment start time:	**09/08/2011 14:30:42**
Assay name:	**Fast UV psKa**	Analyst:	
Assay ID:	**11H-09012**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1108\11H-09012_CS000073_Fast UV psKa.t3r**		

Assay Model

Settings	Value	Date/Time changed	Imported from
Sample name	CS000073		
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	346.43		
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