Yasuda-Shedlovsky Result

Sample name:	**CS000130**	Experiment start time:	**29/08/2011 12:43:59**
Assay name:	**Fast UV psKa**	Analyst:	
Assay ID:	**11H-29011**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1108\11H-29011_CS000130_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-29011 Points 106 to 158	23.51 %	Up	UV-metric pKa	76.3	43.2 M	0.210 M	28.0°C
11H-29011 Points 54 to 105	32.42 %	Up	UV-metric pKa	75.9	38.5 M	0.209 M	27.6°C
11H-29011 Points 3 to 53	43.52 %	Up	UV-metric pKa	74.7	32.5 M	0.199 M	27.8°C

Graphs

Sample name:	**CS000130**	Experiment start time:	**29/08/2011 12:43:59**
Assay name:	**Fast UV psKa**	Analyst:	
Assay ID:	**11H-29011**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1108\11H-29011_CS000130_Fast UV psKa.t3r**		

Fast UV psKa Titration 1 of 3 11H-29011 Points 3 to 53

Graphs

Sample name:	**CS000130**	Experiment start time:	**29/08/2011 12:43:59**
Assay name:	**Fast UV psKa**	Analyst:	
Assay ID:	**11H-29011**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1108\11H-29011_CS000130_Fast UV psKa.t3r**		

Fast UV psKa Titration 2 of 3 11H-29011 Points 54 to 105

Graphs

Sample name:	**CS000130**	Experiment start time:	**29/08/2011 12:43:59**
Assay name:	**Fast UV psKa**	Analyst:	
Assay ID:	**11H-29011**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1108\11H-29011_CS000130_Fast UV psKa.t3r**		

Fast UV psKa Titration 3 of 3 11H-29011 Points 106 to 158

Graphs

Sample name:	**CS000130**	Experiment start time:	**29/08/2011 12:43:59**
Assay name:	**Fast UV psKa**	Analyst:	
Assay ID:	**11H-29011**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1108\11H-29011_CS000130_Fast UV psKa.t3r**		

Assay Model

Settings	Value	Date/Time changed	Imported from
Sample name	CS000130		
Sample by	Volume		
Sample volume	0.0100 mL		
Solvent	DMSO		
Sample concentration	0.010000 M		
Solubility	Unknown	29/08/2011 10:14:12	E:\T3 DATA\1108\11H-01005_CS00080_pH-metric psKa.t3r
Molecular weight	480.38		
Individual pKa ionic environments	No		
Number of pKas	0		
logP (neutral X)	-10.00	29/08/2011 10:14:12	E:\T3 DATA\1108\11H-01005_CS00080_pH-metric psKa.t3r