Yasuda-Shedlovsky Result

Sample name:	**CS000102**	Experiment start time:	**25/08/2011 17:29:02**
Assay name:	**Fast UV psKa**	Analyst:	
Assay ID:	**11H-25018**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1108\11H-25018_CS000102_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-25018 Points 104 to 155	20.83 %	Up	UV-metric pKa	76.9	44.6 M	0.211 M	26.7°C
11H-25018 Points 53 to 103	27.24 %	Up	UV-metric pKa	76.7	41.3 M	0.208 M	26.2°C
11H-25018 Points 3 to 52	37.47 %	Up	UV-metric pKa	75.7	35.8 M	0.200 M	26.7°C

Graphs

Sample name:	**CS000102**	Experiment start time:	**25/08/2011 17:29:02**
Assay name:	**Fast UV psKa**	Analyst:	
Assay ID:	**11H-25018**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1108\11H-25018_CS000102_Fast UV psKa.t3r**		

Fast UV psKa Titration 1 of 3 11H-25018 Points 3 to 52

Graphs

Sample name:	**CS000102**	Experiment start time:	**25/08/2011 17:29:02**
Assay name:	**Fast UV psKa**	Analyst:	
Assay ID:	**11H-25018**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1108\11H-25018_CS000102_Fast UV psKa.t3r**		

Fast UV psKa Titration 2 of 3 11H-25018 Points 53 to 103

Graphs

Sample name:	**CS000102**	Experiment start time:	**25/08/2011 17:29:02**
Assay name:	**Fast UV psKa**	Analyst:	
Assay ID:	**11H-25018**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1108\11H-25018_CS000102_Fast UV psKa.t3r**		

Fast UV psKa Titration 3 of 3 11H-25018 Points 104 to 155

Graphs

Sample name:	**CS000102**	Experiment start time:	**25/08/2011 17:29:02**
Assay name:	**Fast UV psKa**	Analyst:	
Assay ID:	**11H-25018**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1108\11H-25018_CS000102_Fast UV psKa.t3r**		

Assay Model

Settings	Value	Date/Time changed	Imported from
Sample name	CS000102		
Sample by	Volume		
Sample volume	0.0100 mL		
Solvent	DMSO		
Sample concentration	0.010000 M		
Solubility	Unknown	25/08/2011 14:45:10	E:\T3 DATA\1108\11H-01005_CS00080_pH-metric psKa.t3r
Molecular weight	408.42		
Individual pKa ionic environments	No		
Number of pKas	0		
logP (neutral X)	-10.00	25/08/2011 14:45:10	E:\T3 DATA\1108\11H-01005_CS00080_pH-metric psKa.t3r