Yasuda-Shedlovsky Result

Sample name:	**CS000037**	Experiment start time:	**26/07/2011 11:34:19**
Assay name:	**Fast UV psKa**	Analyst:	
Assay ID:	**11G-26009**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1107\11G-26009_CS000037_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
11G-26009 Points 101 to 151	20.43 %	Up	UV-metric pKa	76.6	44.8 M	0.206 M	27.5°C
11G-26009 Points 51 to 100	27.15 %	Up	UV-metric pKa	76.4	41.3 M	0.202 M	27.0°C
11G-26009 Points 3 to 50	36.25 %	Up	UV-metric pKa	75.4	36.4 M	0.192 M	28.1°C

Graphs

Sample name:	**CS000037**	Experiment start time:	**26/07/2011 11:34:19**
Assay name:	**Fast UV psKa**	Analyst:	
Assay ID:	**11G-26009**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1107\11G-26009_CS000037_Fast UV psKa.t3r**		

Fast UV psKa Titration 1 of 3 11G-26009 Points 3 to 50

Graphs

Sample name:	**CS000037**	Experiment start time:	**26/07/2011 11:34:19**
Assay name:	**Fast UV psKa**	Analyst:	
Assay ID:	**11G-26009**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1107\11G-26009_CS000037_Fast UV psKa.t3r**		

Fast UV psKa Titration 2 of 3 11G-26009 Points 51 to 100

Graphs

Sample name:	**CS000037**	Experiment start time:	**26/07/2011 11:34:19**
Assay name:	**Fast UV psKa**	Analyst:	
Assay ID:	**11G-26009**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1107\11G-26009_CS000037_Fast UV psKa.t3r**		

Fast UV psKa Titration 3 of 3 11G-26009 Points 101 to 151

Graphs

Sample name:	**CS000037**	Experiment start time:	**26/07/2011 11:34:19**
Assay name:	**Fast UV psKa**	Analyst:	
Assay ID:	**11G-26009**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1107\11G-26009_CS000037_Fast UV psKa.t3r**		

Assay Model

Settings	Value	Date/Time changed	Imported from
Sample name	CS000037	26/07/2011 11:33:58	E:\T3 DATA\1107\11G-15039_CS000037_Fast UV pKa.t3r
Sample by	Volume	26/07/2011 11:33:58	E:\T3 DATA\1107\11G-15039_CS000037_Fast UV pKa.t3r
Sample volume	0.0150 mL		
Solvent	DMSO		
Sample concentration	0.010000 M		
Solubility	Unknown	26/07/2011 11:33:58	E:\T3 DATA\1107\11G-15039_CS000037_Fast UV pKa.t3r
Molecular weight	424.55		
Individual pKa ionic environments	No		
Number of pKas	0		
logP (neutral X)	-10.00	26/07/2011 11:33:58	E:\T3 DATA\1107\11G-15039_CS000037_Fast UV pKa.t3r