Yasuda-Shedlovsky Result

Sample name:	**CS000036**	Experiment start time:	**26/07/2011 11:03:44**
Assay name:	**Fast UV psKa**	Analyst:	
Assay ID:	**11G-26008**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1107\11G-26008_CS000036_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-26008 Points 100 to 149	20.46 %	Up	UV-metric pKa	76.6	44.8 M	0.206 M	27.6°C
11G-26008 Points 50 to 99	27.28 %	Up	UV-metric pKa	76.5	41.2 M	0.203 M	26.8°C
11G-26008 Points 3 to 49	36.40 %	Up	UV-metric pKa	75.5	36.4 M	0.193 M	27.8°C

Graphs

Sample name:	**CS000036**	Experiment start time:	**26/07/2011 11:03:44**
Assay name:	**Fast UV psKa**	Analyst:	
Assay ID:	**11G-26008**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1107\11G-26008_CS000036_Fast UV psKa.t3r**		

Fast UV psKa Titration 1 of 3 11G-26008 Points 3 to 49

Graphs

Sample name:	**CS000036**	Experiment start time:	**26/07/2011 11:03:44**
Assay name:	**Fast UV psKa**	Analyst:	
Assay ID:	**11G-26008**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1107\11G-26008_CS000036_Fast UV psKa.t3r**		

Fast UV psKa Titration 2 of 3 11G-26008 Points 50 to 99

Graphs

Sample name:	**CS000036**	Experiment start time:	**26/07/2011 11:03:44**
Assay name:	**Fast UV psKa**	Analyst:	
Assay ID:	**11G-26008**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1107\11G-26008_CS000036_Fast UV psKa.t3r**		

Fast UV psKa Titration 3 of 3 11G-26008 Points 100 to 149

Graphs

Sample name:	**CS000036**	Experiment start time:	**26/07/2011 11:03:44**
Assay name:	**Fast UV psKa**	Analyst:	
Assay ID:	**11G-26008**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1107\11G-26008_CS000036_Fast UV psKa.t3r**		

Assay Model

Settings	Value	Date/Time changed	Imported from
Sample name	CS000036	26/07/2011 11:03:24	E:\T3 DATA\1107\11G-15038_CS000036_Fast UV pKa.t3r
Sample by	Volume	26/07/2011 11:03:24	E:\T3 DATA\1107\11G-15038_CS000036_Fast UV pKa.t3r
Sample volume	0.0100 mL	26/07/2011 11:03:24	E:\T3 DATA\1107\11G-15038_CS000036_Fast UV pKa.t3r
Solvent	DMSO		
Sample concentration	0.010000 M		
Solubility	Unknown	26/07/2011 11:03:24	E:\T3 DATA\1107\11G-15038_CS000036_Fast UV pKa.t3r
Molecular weight	409.47		
Individual pKa ionic environments	No		
Number of pKas	0		
logP (neutral X)	-10.00	26/07/2011 11:03:24	E:\T3 DATA\1107\11G-15038_CS000036_Fast UV pKa.t3r