Yasuda-Shedlovsky Result

Sample name:	**CS000071**	Experiment start time:	**26/07/2011 15:37:58**
Assay name:	**Fast UV psKa**	Analyst:	
Assay ID:	**11G-26019**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1107\11G-26019_CS000071_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-26019 Points 102 to 152	24.35 %	Up	UV-metric pKa	76.2	42.8 M	0.213 M	28.0°C
11G-26019 Points 52 to 101	32.00 %	Up	UV-metric pKa	75.9	38.7 M	0.210 M	27.6°C
11G-26019 Points 3 to 51	42.70 %	Up	UV-metric pKa	74.6	32.9 M	0.200 M	28.5°C

Graphs

Sample name:	**CS000071**	Experiment start time:	**26/07/2011 15:37:58**
Assay name:	**Fast UV psKa**	Analyst:	
Assay ID:	**11G-26019**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1107\11G-26019_CS000071_Fast UV psKa.t3r**		

Fast UV psKa Titration 1 of 3 11G-26019 Points 3 to 51

Graphs

Sample name:	**CS000071**	Experiment start time:	**26/07/2011 15:37:58**
Assay name:	**Fast UV psKa**	Analyst:	
Assay ID:	**11G-26019**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1107\11G-26019_CS000071_Fast UV psKa.t3r**		

Fast UV psKa Titration 2 of 3 11G-26019 Points 52 to 101

Graphs

Sample name:	**CS000071**	Experiment start time:	**26/07/2011 15:37:58**
Assay name:	**Fast UV psKa**	Analyst:	
Assay ID:	**11G-26019**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1107\11G-26019_CS000071_Fast UV psKa.t3r**		

Fast UV psKa Titration 3 of 3 11G-26019 Points 102 to 152

Graphs

Sample name:	**CS000071**	Experiment start time:	**26/07/2011 15:37:58**
Assay name:	**Fast UV psKa**	Analyst:	
Assay ID:	**11G-26019**	Instrument ID:	**T311042**
Filename:	**E:\T3 DATA\1107\11G-26019_CS000071_Fast UV psKa.t3r**		

Assay Model

Settings	Value	Date/Time changed	Imported from
Sample name	CS000071		
Sample by	Volume		
Sample volume	0.0200 mL		
Solvent	DMSO		
Sample concentration	0.010000 M		
Solubility	Unknown	26/07/2011 12:26:03	E:\T3 DATA\1107\11G-23004_CS000041_pH-metric psKa.t3r
Molecular weight	423.50		
Individual pKa ionic environments	No		
Number of pKas	0		
logP (neutral X)	-10.00	26/07/2011 12:26:03	E:\T3 DATA\1107\11G-23004_CS000041_pH-metric psKa.t3r