# Yasuda-Shedlovsky Result

| | | | |
|---|---|---|---|
| Sample name: | **CS000082** | Experiment start time: | **09/08/2011 17:04:50** |
| Assay name: | **Fast UV psKa** | Analyst: | |
| Assay ID: | **11H-09018** | Instrument ID: | **T311042** |
| Filename: | **E:\T3 DATA\1108\11H-09018_CS000082_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-09018 Points 105 to 156 | 19.99 % | Up | UV-metric pKa | 76.7 | 45.1 M | 0.207 M | 27.2°C |
| 11H-09018 Points 53 to 104 | 27.38 % | Up | UV-metric pKa | 76.5 | 41.2 M | 0.206 M | 26.9°C |
| 11H-09018 Points 3 to 52 | 38.67 % | Up | UV-metric pKa | 75.4 | 35.1 M | 0.197 M | 27.2°C |

## Graphs

| | | | |
|---|---|---|---|
| Sample name: | **CS000082** | Experiment start time: | **09/08/2011 17:04:50** |
| Assay name: | **Fast UV psKa** | Analyst: | |
| Assay ID: | **11H-09018** | Instrument ID: | **T311042** |
| Filename: | **E:\T3 DATA\1108\11H-09018_CS000082_Fast UV psKa.t3r** | | |

# Fast UV psKa Titration 1 of 3 11H-09018 Points 3 to 52

## Graphs

| | | | |
|---|---|---|---|
| Sample name: | **CS000082** | Experiment start time: | **09/08/2011 17:04:50** |
| Assay name: | **Fast UV psKa** | Analyst: | |
| Assay ID: | **11H-09018** | Instrument ID: | **T311042** |
| Filename: | **E:\T3 DATA\1108\11H-09018_CS000082_Fast UV psKa.t3r** | | |

# Fast UV psKa Titration 2 of 3 11H-09018 Points 53 to 104

## Graphs

| | | | |
|---|---|---|---|
| Sample name: | **CS000082** | Experiment start time: | **09/08/2011 17:04:50** |
| Assay name: | **Fast UV psKa** | Analyst: | |
| Assay ID: | **11H-09018** | Instrument ID: | **T311042** |
| Filename: | **E:\T3 DATA\1108\11H-09018_CS000082_Fast UV psKa.t3r** | | |

# Fast UV psKa Titration 3 of 3 11H-09018 Points 105 to 156

## Graphs

| | | | |
|---|---|---|---|
| Sample name: | **CS000082** | Experiment start time: | **09/08/2011 17:04:50** |
| Assay name: | **Fast UV psKa** | Analyst: | |
| Assay ID: | **11H-09018** | Instrument ID: | **T311042** |
| Filename: | **E:\T3 DATA\1108\11H-09018_CS000082_Fast UV psKa.t3r** | | |

## Assay Model

| Settings | Value | Date/Time changed | Imported from |
|---|---|---|---|
| Sample name | CS000082 | | |
| Sample by | Volume | | |
| Sample volume | 0.0200 mL | | |
| Solvent | DMSO | | |
| Sample concentration | 0.010000 M | | |
| Solubility | Unknown | 09/08/2011 12:20:47 | E:\T3 DATA\1108\11H-04012_CS000100_pH-metric psKa.t3r |
| Molecular weight | 461.50 | | |
| Individual pKa ionic environments | No | | |
| Number of pKas | 0 | | |
| logP (neutral X) | -10.00 | 09/08/2011 12:20:47 | E:\T3 DATA\1108\11H-04012_CS000100_pH-metric psKa.t3r |