# Yasuda-Shedlovsky Result

| | | | |
|---|---|---|---|
| Sample name: | **CS000058** | Experiment start time: | **09/08/2011 14:05:42** |
| Assay name: | **Fast UV psKa** | Analyst: | |
| Assay ID: | **11H-09011** | Instrument ID: | **T311042** |
| Filename: | **E:\T3 DATA\1108\11H-09011_CS000058_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-09011 Points 104 to 155 | 20.23 % | Up | UV-metric pKa | 76.5 | 44.9 M | 0.206 M | 27.8°C |
| 11H-09011 Points 52 to 103 | 27.85 % | Up | UV-metric pKa | 76.3 | 40.9 M | 0.204 M | 27.4°C |
| 11H-09011 Points 3 to 51 | 39.60 % | Up | UV-metric pKa | 75.2 | 34.6 M | 0.195 M | 27.7°C |

## Graphs

| | | | |
|---|---|---|---|
| Sample name: | **CS000058** | Experiment start time: | **09/08/2011 14:05:42** |
| Assay name: | **Fast UV psKa** | Analyst: | |
| Assay ID: | **11H-09011** | Instrument ID: | **T311042** |
| Filename: | **E:\T3 DATA\1108\11H-09011_CS000058_Fast UV psKa.t3r** | | |

# Fast UV psKa Titration 1 of 3 11H-09011 Points 3 to 51

## Graphs

| | | | |
|---|---|---|---|
| Sample name: | **CS000058** | Experiment start time: | **09/08/2011 14:05:42** |
| Assay name: | **Fast UV psKa** | Analyst: | |
| Assay ID: | **11H-09011** | Instrument ID: | **T311042** |
| Filename: | **E:\T3 DATA\1108\11H-09011_CS000058_Fast UV psKa.t3r** | | |

# Fast UV psKa Titration 2 of 3 11H-09011 Points 52 to 103

## Graphs

| | | | |
|---|---|---|---|
| Sample name: | **CS000058** | Experiment start time: | **09/08/2011 14:05:42** |
| Assay name: | **Fast UV psKa** | Analyst: | |
| Assay ID: | **11H-09011** | Instrument ID: | **T311042** |
| Filename: | **E:\T3 DATA\1108\11H-09011_CS000058_Fast UV psKa.t3r** | | |

# Fast UV psKa Titration 3 of 3 11H-09011 Points 104 to 155

## Graphs

| | | | |
|---|---|---|---|
| Sample name: | **CS000058** | Experiment start time: | **09/08/2011 14:05:42** |
| Assay name: | **Fast UV psKa** | Analyst: | |
| Assay ID: | **11H-09011** | Instrument ID: | **T311042** |
| Filename: | **E:\T3 DATA\1108\11H-09011_CS000058_Fast UV psKa.t3r** | | |

## Assay Model

| Settings | Value | Date/Time changed | Imported from |
|---|---|---|---|
| Sample name | CS000058 | | |
| 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 | 425.47 | | |
| 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 |