TAM Assistant Analysis Report

Kinetics

Model

Autocatalytic

d[C]/dt = k([A]o - (a/c)([C]-[C]o)) [C]

Model Input Parameters

a/c:	1

Signal

Input

Results file path:	***S:\TAM-work\Diazo\Ampoule (8-22-16) o-NO2-Ph-N2 OTf-80.rslt***
Measurement signal:	Data series.Signal
Mass:	10mg
[A]o:	3.3424mmol/g

Results

Po:	9.0479µW
k:	5.32e-4 g*s^-1*mol^-1 ± 5.6e-6 g*s^-1*mol^-1
dH:	409.6 kJ/mol ± 1.3 kJ/mol
Co:	0.00124 ± 1.7e-5
Standard deviation:	1.4043µW
NDF:	5791