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:	***C:\Users\S\Documents\Diazo\Ampoule (2-11-16) NO2 Ph-N2-BF4-80.rslt***
Measurement signal:	Data series.Signal
Mass:	10mg
[A]o:	4.2208mmol/g

Results

Po:	89.598µW
k:	0.03438 g*s^-1*mol^-1 ± 1.2e-4 g*s^-1*mol^-1
dH:	156.0 kJ/mol ± 260 J/mol
Co:	3.956e-4 ± 3.3e-6
Standard deviation:	12.078µW
NDF:	4563