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\Article-Diazo-Calorim-TAMIII\4 NO2C6H4N2+ BF4- 75 Nitrogen 12-16-15.rslt***
Measurement signal:	Data series.Signal
Mass:	10mg
[A]o:	4.2208mmol/g

Results

Po:	39.241µW
k:	0.01860 g*s^-1*mol^-1 ± 7.1e-5 g*s^-1*mol^-1
dH:	173.1 kJ/mol ± 350 J/mol
Co:	2.888e-4 ± 2.9e-6
Standard deviation:	8.3147µW
NDF:	4676