

Chemical Information:

Name: Dipyrone

CAS No.: 68-89-3

Tox21_ID No.: Tox21_200497

NTP_CID No.: 4274

Supplier: Sigma-Aldrich

Lot No.: 078K1284

MW: 333.34 g/mol

Date of Analysis: 06 March 2015

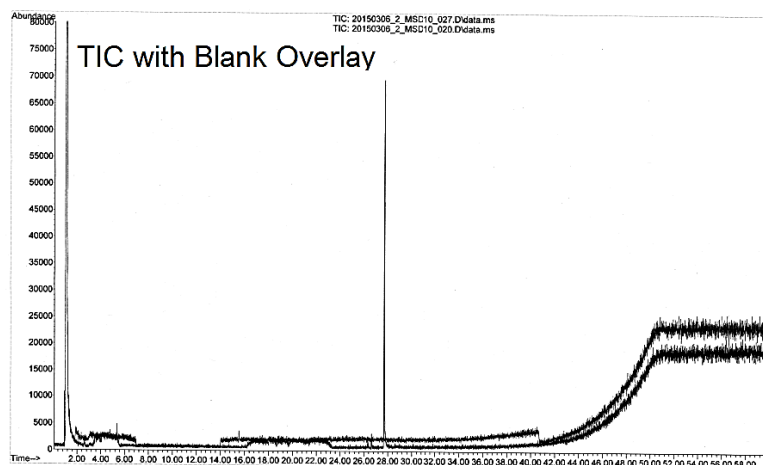
Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
Dipyrone	27.697	95.13
Unknown	26.340	1.71
Unknown	26.641	3.17

^a Peaks comprising $\geq 0.5\%$ of total area.

GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	Ethanol
Column	J&W DB-1, 30 m x 0.25 mm ID, 0.25- μ m film thickness
Carrier Gas	Helium at 1.0 mL/min
Oven Program	50°C, hold 0 min; ramp @ 5°C/min to 300°C, hold 10 min
Source Temperature	230°C
Auxiliary Temperature	250°C
Scan Range	40 – 500 amu
Injector Temperature	250°C
Injection Volume / Mode	1 μ L / Splitless
Run Time	60.0 minutes
Data Analysis Software	MSD ChemStation, ver D.03.00.611, NIST Library ver 2.0d, build Dec 2005


Unknown: Scan 4915 (26.638 min): 20150306_2_MSD16_027.D\data.ms (-4927)
Compound in Library Factor = -337

Hit 1: Carprofen
C15H12ClNO2; MF: 667; RMF: 667; Prob 74.2%; CAS: 53716-49-7; Lib: nist_mems; ID: 3686.
