

Chemical Information:

Name: Pyrimidine-2-thiol
 CAS No.: 1450-85-7
 Tox21_ID No.: Tox21_202805
 NTP_CID No.: 6055

Supplier: Sigma Aldrich
 Lot No.: S27531V
 MW: 112.15 g/mol

Date of Analysis: 04 January 2017

Purity and Identity Results:

Peak Identity ^a	Retention Time (min)
Pyrimidine-2-thiol	14.44

^a Identity was confirmed for the test article; however, response was not adequate for purity determination.

GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	Acetone
Column	Restek Rtx-5MS w/ Integra Guard, 30 m x 0.25 mm ID, 1- μ m film thickness
Carrier Gas	Helium at 1.5 mL/min
Oven Program	50°C, hold 2 min; ramp @ 5°C/min to 315°C, hold 5 min
Source Temperature	230°C
Auxiliary Temperature	250°C
Scan Range	50 – 400 amu
Injector Temperature	250°C
Injection Volume / Mode	1 μ L / Splitless
Data Analysis Software	MassHunter GC/MS Acquisition B.07.02.1938 / MassHunter Qualitative Analysis B.07.00 Build 7.0.7024.0 / NIST Library Version 2.2 Build 2014

