

### Chemical Information:

Name: Hydroxyflutamide

Date of Analysis: 03 August 2015

CAS No.: 52806-53-8

Supplier: Toronto Research Chemicals

Tox21\_ID No.: Tox21\_201204

Lot No.: 1-THT-180-2

NTP\_CID No.: 862

MW: 292.21 g/mol

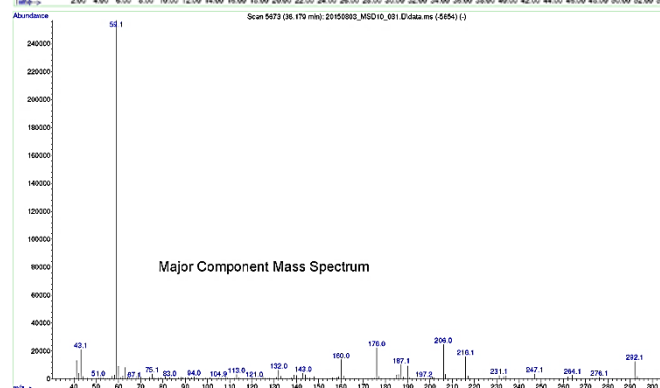
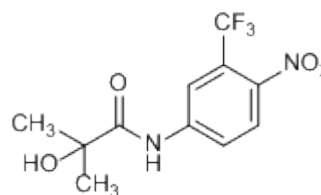
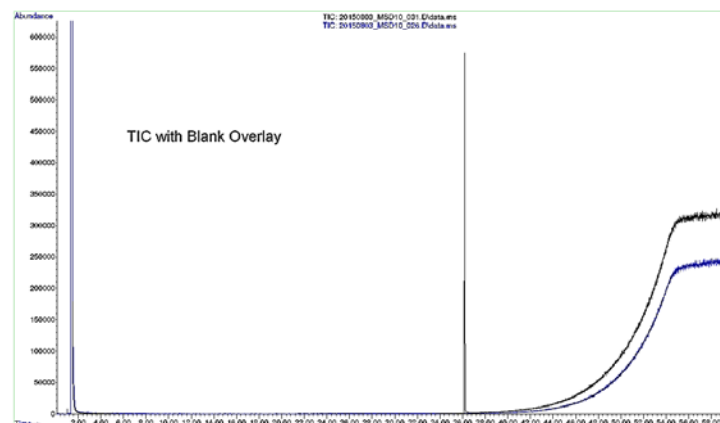
### Purity and Identity Results:

| Peak Identity    | Retention Time (min) | Purity (% Total Area) <sup>a</sup> |
|------------------|----------------------|------------------------------------|
| Ethanol          | 1.50                 | Not applicable                     |
| Hydroxyflutamide | 36.18                | 100.00                             |

<sup>a</sup> Peaks comprising ≥ 0.5% of total area.

### GC/MS Instrument Parameters:

|                         |   |
|-------------------------|---|
| Instrument / Ionization | Gas Chromatograph with Mass Spectrometer / Electron Impact  |
| Solvent                 | Ethanol (~ 400 µg/mL)   |
| Column                  | Restek Rtx-5MS with Integra-Guard, 30 m x 0.25 mm ID, 1-µm film thickness   |
| Carrier Gas             | Helium at 2 mL/min  |
| Oven Program            | 50°C, hold 2 min; ramp @ 5°C/min to 320°C, hold 5 min   |
| Source Temperature      | 230°C   |
| Auxiliary Temperature   | 250°C   |
| Scan Range              | 40 – 600 amu  |
| Injector Temperature    | 250°C   |
| Injection Volume / Mode | 1 µL / Split (10:1)   |
| Run Time                | 59 minutes  |
| Data Analysis Software  | MassHunter GC/MS Acquisition B.07.02.1938 / Chemstation Enhanced Data Analysis F.01.01.2317 / NIST Library Version 2.2 Build 2014 |



| m/z | Fragment/Formula |
|-----|------------------|
| 292 | Mass Ion         |
| 216 | C8H3O2N2F3       |
| 206 | C7H5O2N2F3       |
| 176 | C8H4O3N2         |
| 160 | C8H4O2N2         |
| 59  | C3H7O            |

Reference not available.