

Chemical Information:

Name: 3-Iodo-2-propynyl-N-butylcarbamate Date of Analysis: 04 April 2012
CAS No.: 55406-53-6 Supplier: Sigma-Aldrich
Tox21_ID No.: Tox21_201864 Lot No.: 00616EJ
NTP_CID No.: 3406 MW: 281.09 g/mol

Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
3-Iodo-2-propynyl-N-butylcarbamate	15.79	100.00

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

GC/MS Instrument Parameters:

Instrument / Ionization	Agilent 6890N GC with Agilent 5975B inert XL MSD / Electron Impact
Solvent	Dichloromethane
Column	Agilent DB-5HT, 30 m x 0.25 mm ID, 0.1- μ m film thickness
Carrier Gas	Helium at 1.0 mL/min
Oven Program	35°C, hold 2 min; ramp @ 10°C/min to 310°C, hold 7 min
Source Temperature	230°C
Auxiliary Temperature	250°C
Scan Range	25 – 500 amu
Injector Temperature	250°C
Injection Volume / Mode	1 μ L / Splitless
Run Time	36.5 minutes
Data Analysis Software	MSD ChemStation, v D.03.00.SP1 and NIST Library v 2.0f, build 10/8/2008

