

# Product Profile

## Identification

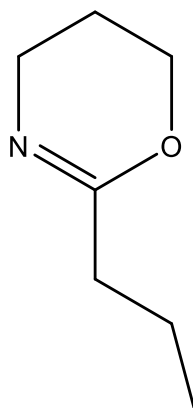
**Product Name: 2-Butyl-2-Oxazine**

(2-n-butyl-5,6-dihydro-4H-1,3-oxazine, 95%)

**Product #: BuOZ**

**Product Lot Number: P70283**

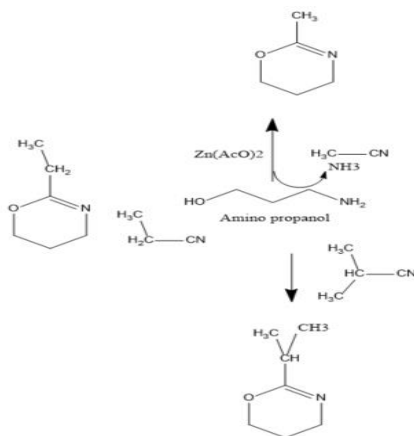
**Chemical Architecture:**



**Composition:**

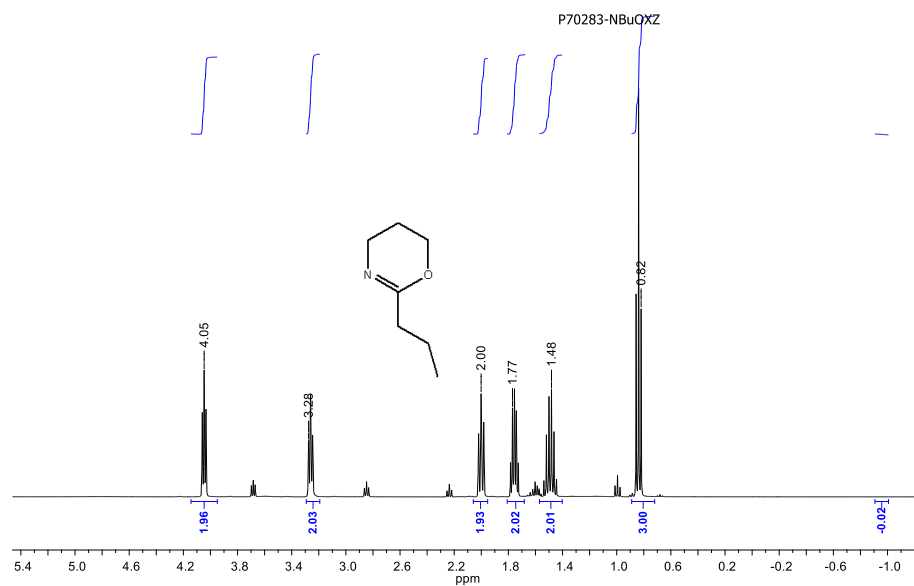
Purity by GC-FID	Purity by HNMR	Appearance @ ambient temperature	Empirical Formula	B.P or m.p	Mol. Weight
Over 95%	+94%	Colorless liquid	C <sub>7</sub> H <sub>13</sub> NO	140°C	127

## Route of Synthesis:

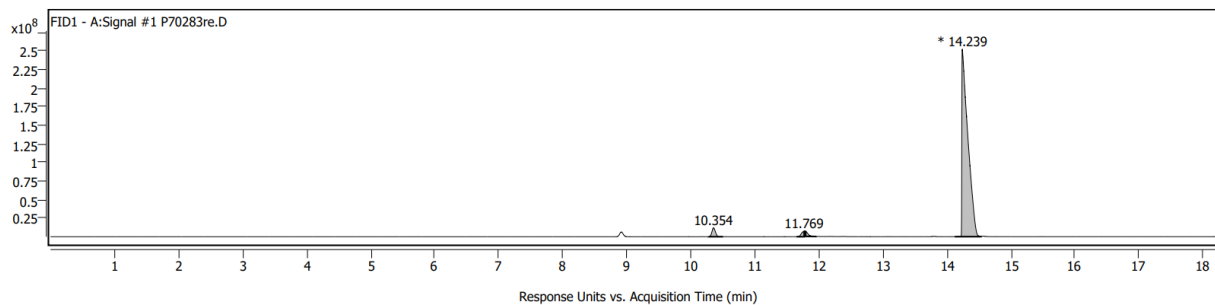


## Validation of Architecture:

### HNMR of Monomer 2-Butyl-2 Oxazine:



#### Sample Chromatograms



#### Chromatogram Peaks

Peak	Start	RT	End	Height	Area	Area Sum %
1	10.276	10.354	10.503	11951990	45428482	2.64
2	11.651	11.769	11.770	7457303	21028913	1.22
3	11.792	11.793	11.953	7071947	18337331	1.07
4	14.121	14.239	14.531	252104097	1634869745	95.07