

Product Profile

Identification

Product Name: 2-Ethyl-2-Oxazine

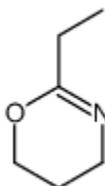
(2-ethyl-5,6-dihydro-4H-1,3-oxazine, 95%)

CAS No. : 10431-91-1

Product #: EtOZ

Product Lot Number: P45061-EtOZ

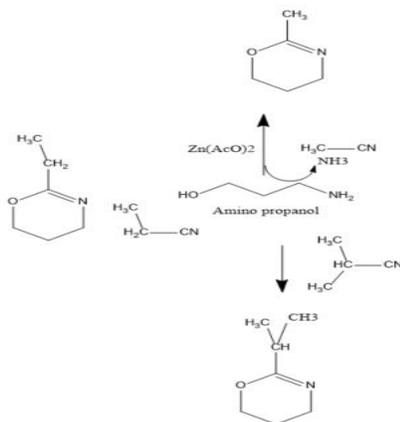
Chemical Architecture:



Composition:

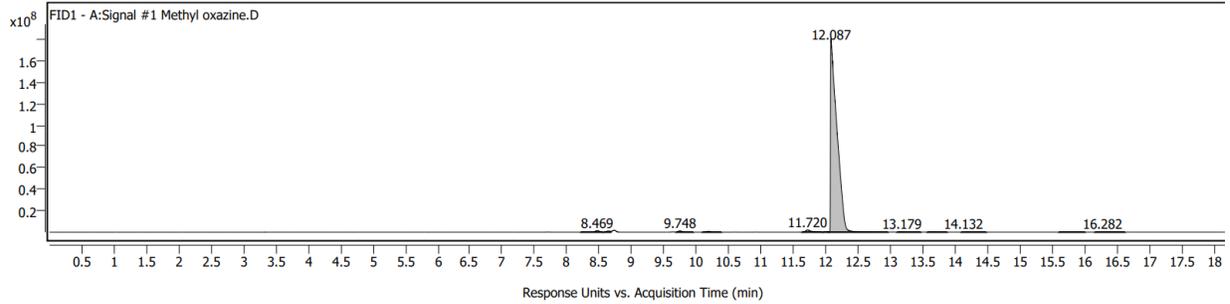
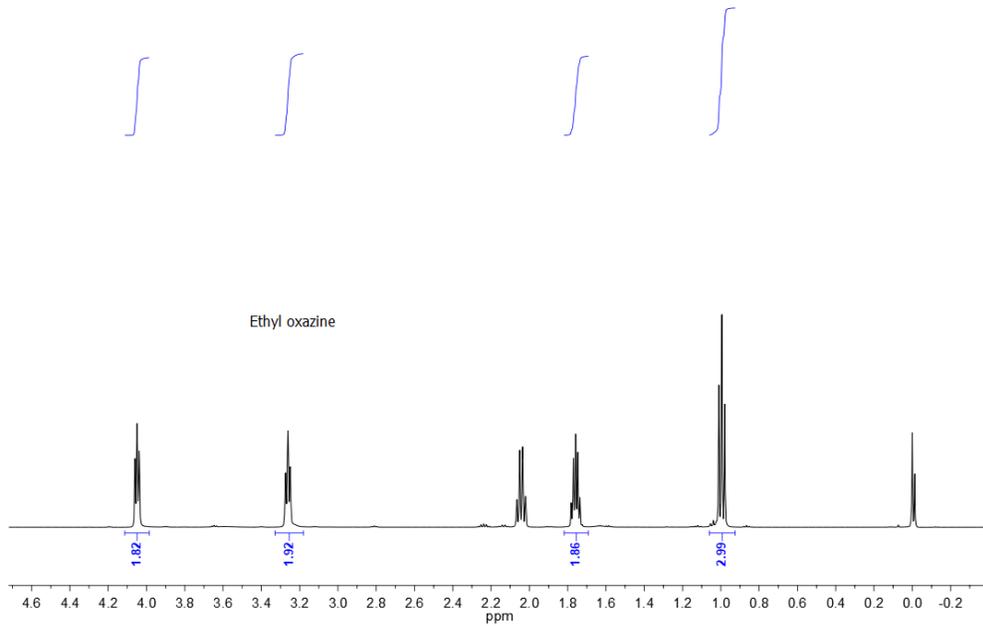
Purity by GC-FID	Purity by HNMR	Appearance @ ambient temperature	Empirical Formula	B.P or m.p	Mol. Weight
Over 95%	+98%	Colorless liquid	C ₆ H ₁₁ NO	143°C	113

Route of Synthesis:



Validation of Architecture:

HNMR of Monomer 2-ethyl-2 Oxazine:



Chromatogram Peaks

Peak	Start	RT	End	Height	Area	Area Sum %
1	8.209	8.469	8.561	1350276	6327174	0.49
2	8.561	8.644	8.680	1029175	4171379	0.32
3	9.684	9.748	9.957	1159645	4193605	0.33
4	10.089	10.187	10.392	767766	3100293	0.24
5	11.628	11.720	11.955	2027722	12641940	0.98
6	11.955	12.033	12.051	417149	1804517	0.14
7	12.051	12.087	12.967	177442856	1244899028	96.80
8	13.100	13.179	13.475	237060	2438210	0.19
9	13.567	13.647	13.887	163377	1630110	0.13