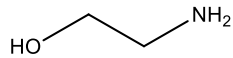
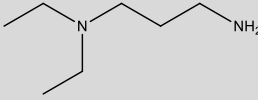
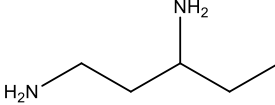
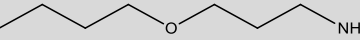
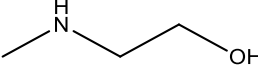
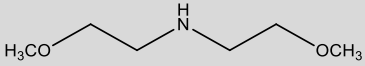
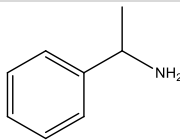
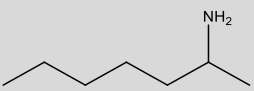
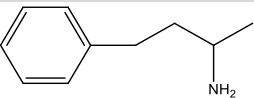


TABLE 1 Chemical Name, Structures, Suppliers, and Mass Purity (%) of the Studied Amines

Full Name	IUPAC Name	Abbreviation Name	CAS Reg. No.	Molecular Structure	Molecular	Supplier	Mass Fraction
					Mass (g·gmol ⁻¹)		Purity (%)
Monoethanolamine	2-Aminoethanol	MEA	141-43-5		61.08	Sigma- Aldrich	≥99
3-(Diethylamino) propylamine	N',N'-diethylpropane-1,3- diamine	DEAPA	104-78-9		130.23	Sigma- Aldrich	≥99
1,3-Diaminopentane	Pentane-1,3-diamine	EP	589-37-7		102.18	Sigma- Aldrich	98
3-Butoxypropylamine	3-Butoxypropan-1-amine	BPA	16499-88-0		131.22	Sigma- Aldrich	99
2-(Methylamino) ethanol	2-(Methylamino)ethanol	MAE	109-83-1		75.11	Sigma- Aldrich	≥98

Bis(2-methoxyethyl) amine	2-Methoxy- <i>N</i> -(2-methoxyethyl)ethanamine	BMOA	11-95-5		133.19	Sigma-Aldrich	98
α -Methylbenzylamine	1-Phenylethanamine	PEA	618-36-0		121.18	Sigma-Aldrich	99
2-Aminoheptane	[(2 <i>R</i>)-heptan-2-yl]azanium	AH	123-82-0		115.22	Sigma-Aldrich	99
3-Amino-1-phenylbutane	4-Phenylbutan-2-amine	APB	22374-89-6		149.24	TCI	98