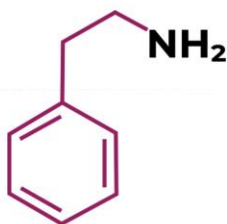


2-PHENYLETHYLAMINE



PRODUCT IN FOCUS



2-Phenylethylamine

INTRODUCTION

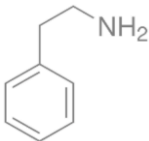
2-Phenylethylamine is a water-soluble amine with a fishy odor. It is often referred to simply as “phenethylamine”, but that can also be interpreted as 1-phenylethylamine.

Manufacture

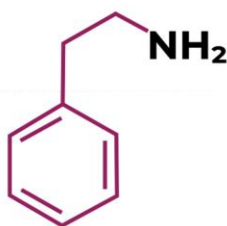
2-Phenylethylamine occurs widely in nature: in animals, plants, fungi, and bacteria alike. It is synthesized via the reduction of benzyl cyanide with sodium in ethanol.

APPLICATIONS

- ❖ Phenethylamine is used in manufacturing antidepressants and anti-diabetic drugs.
- ❖ Used for organic synthesis and as a lab reagent and scintillation counter (CO₂ absorber).
- ❖ Also, used as a flavoring agent.

Synonym	2-Phenethylamine β-Phenylethylamine Benzeneethanamine 1-Amino-2-phenylethane
CAS no.	64-04-0
EINECS no.	200-574-4
Molecular formula	C ₈ H ₁₁ N
Molecular weight	121.18
Structure	

2-PHENYLETHYLAMINE



PRODUCT IN FOCUS



SPECIFICATIONS

Test	Unit	Specification
Appearance	-	Colorless to pale yellow liquid
Identification (by GC)	-	The retention time of the main peak in test sample chromatogram should match with the retention time of main peak in standard sample chromatogram
Specific Gravity at 25°C	-	0.955 – 0.970
Moisture Content (by KF)	%	NMT 0.5
Refractive Index at 25°C	-	1.530 – 1.534
Purity (by GC)	%	NLT 99.0
Individual Impurity	%	NMT 0.5
Total Impurities	%	NMT 1.0

PACKING

180 kg UN approved composite drum.

STORAGE

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Air sensitive. Store under inert gas. Keep away from acids, Acid chlorides, Acid anhydrides, Strong oxidizing agents, Carbon dioxide.

REACH Status

Not registered yet.

No matter the quantity you need, our exceptional quality and service will make ExSyn your supplier of choice! If you need any additional information or SDS, please contact us.