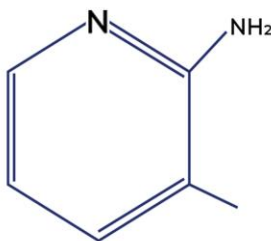


2-AMINO-3-METHYLPYRIDINE



PRODUCT IN FOCUS



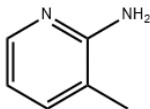
2-Amino-3-methylpyridine

INTRODUCTION

2-Amino-3-methylpyridine is a heterocyclic building block used in organic chemistry to manufacture API's, intermediates, agro-chemicals, dyes, and fragrances. The chemical reactivity of the molecule is due to presence of two substituents – amino and methyl.

Manufacture

It is manufactured by ring methylation of gamma-picoline using methyl isocyanate, the byproduct being 2-amino-5-methylpyridine. The 3-methyl isomer is separated by crystallization.

Synonym	3-Methyl-2-pyridinamine 2-Amino-gamma-picoline
CAS no.	1603-40-3
EINECS no.	216-501-4
Molecular formula	C ₆ H ₈ N ₂
Molecular weight	108.14
Structure	

Applications

API's:

- ✔ Pemirolast (anti-allergic)
- ✔ Lumacaftor (treatment of cystic fibrosis)

Agrochemicals:

- ✔ Imidacloprid (insecticide)

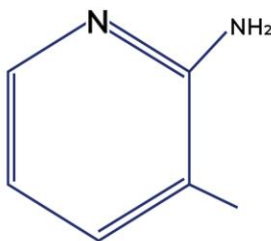
Intermediates:

- ✔ Ethyl 2-aminopyridine-3-carboxylate
- ✔ 2-Amino-5-bromo-3-methylpyridine
- ✔ 2-(2,2,2-Trifluoromethoxy)pyridine-3-carboxylic acid
- ✔ 2-Amino-5-nitropyridine-3-carboxylic acid

Others:

- ✔ Used in proteomic research
- ✔ In synthesis of *nitric oxide synthase* inhibitor

2-AMINO-3-METHYLPYRIDINE



PRODUCT IN FOCUS



SPECIFICATIONS

Test	Unit	Specification
Appearance	-	Clear colorless to pale yellow liquid / semi-solid
Identification by GC	-	Retention time of the principal peak of sample should match with that of working standard
Moisture	% w/v	Max 0.50
Purity by GC	%	Min 98.00

STORAGE

Stored at ambient temperature

PACKING

25 kg UN-approved HDPE drum

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.