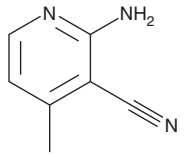
PRODUCT INFORMATION

2-Amino-4-methylnicotinonitrile

Item No. 46459

CAS Registry No.: 71493-76-0
Formal Name: 2-amino-4-methyl-3-pyridinecarbonitrile
Synonym: 2-Amino-4-methyl-3-carbonitrilepyridine
MF: $C_7H_7N_3$
FW: 133.2
Purity: ≥98%
Supplied as: A solid
Storage: -20°C
Stability: ≥4 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

2-Amino-4-methylnicotinonitrile is supplied as a solid. A stock solution may be made by dissolving the 2-amino-4-methylnicotinonitrile in the solvent of choice, which should be purged with an inert gas. 2-Amino-4-methylnicotinonitrile is soluble (≥10 mg/ml) in DMSO.

Description

2-Amino-4-methylnicotinonitrile is a synthetic intermediate that has been used in the synthesis of the dihydrofolate reductase (DHFR) inhibitor piritrexim.[1]

Reference

1. Campos, J.F., Besson, T., and Berteina-Raboin, S. Review on the synthesis and therapeutic potential of pyrido[2,3-*d*], [3,2-*d*], [3,4-*d*] and [4,3-*d*]pyrimidine derivatives. *Pharmaceuticals (Basel)* **15(3),** 352 (2022).

WARNING
THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA
This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the complete Safety Data Sheet, which has been sent *via* email to your institution.

WARRANTY AND LIMITATION OF REMEDY
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