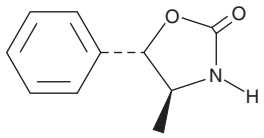
PRODUCT INFORMATION

(4S,5S)-4-Methyl-5-phenyl-2-oxazolidinone

Item No. 46458

CAS Registry No.: 17097-67-5
MF: $C_{10}H_{11}NO_2$
FW: 177.2
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

(4S,5S)-4-Methyl-5-phenyl-2-oxazolidinone is supplied as a solid. A stock solution may be made by dissolving the (4S,5S)-4-methyl-5-phenyl-2-oxazolidinone in the solvent of choice, which should be purged with an inert gas. (4S,5S)-4-Methyl-5-phenyl-2-oxazolidinone is sparingly soluble (1-10 mg/ml) in ethanol and DMSO.

Description

(4S,5S)-4-Methyl-5-phenyl-2-oxazolidinone is a synthetic intermediate in the synthesis of the amphetamine (1S,2S)-norpseudoephedrine, also known as cathine.[1]

Reference

1. Groeper, J., Hitchcock, S., and Ferrence, G. A scalable and expedient method of preparing diastereomerically and enantiomerically enriched pseudonorephedrine from norephedrine. *Tetrahedron Asymmetry* **17,** 2884-2889 (2006).

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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