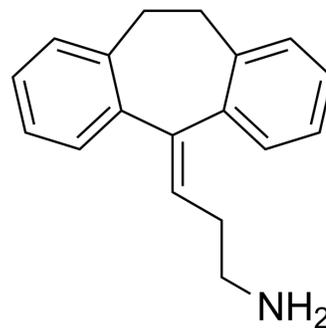


Desmethylnortriptyline

Cat. No.:	HY-100651
CAS No.:	4444-42-2
Molecular Formula:	C ₁₈ H ₁₉ N
Molecular Weight:	249.35
Target:	Drug Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Desmethylnortriptyline is a metabolite of Nortriptyline. Nortriptyline is a tricyclic antidepressant and the main active metabolite of Amitriptyline, and is used to relieve the symptoms of depression^[1].

REFERENCES

[1]. Burch JE, et al. Determination of desmethyl nortriptyline in plasma by gas chromatography before and after treatment with salicylaldehyde. J Chromatogr. 1983 May 13;274:350-4.

[2]. Shimoda K, et al. The impact of CYP2C19 and CYP2D6 genotypes on metabolism of amitriptyline in Japanese psychiatric patients. J Clin Psychopharmacol. 2002 Aug;22(4):371-8.

Caution: Product has not been fully validated for medical applications. For research use only.

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