

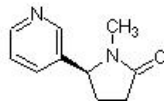
Product datasheet

(S)-Cotinine, nicotine metabolite ab144813

Overview

Product name	(S)-Cotinine, nicotine metabolite
Description	Major metabolite of nicotine in humans. Activates, and desensitizes neuronal nicotinic acetylcholine receptors.
Biological description	Major metabolite of nicotine in humans. Displays cognition-enhancing effects <i>in vivo</i> ; reduces amyloid β (A β) aggregation and improves memory in an Alzheimer's disease mouse model. Activates a subpopulation of $\alpha 3/\alpha 6\beta 2$ nAChRs in monkey striatum.
CAS Number	486-56-6

Chemical structure



Properties

Chemical name	(5S)-1-Methyl-5-(3-pyridinyl)-2-pyrrolidinone
Molecular weight	176.22
Molecular formula	C ₁₀ H ₁₂ N ₂ O
Storage instructions	Store at +4°C.
Handling	Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.
Source	Synthetic

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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