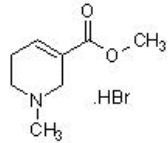


Product datasheet

Arecoline hydrobromide, Muscarinic receptor agonist ab141044

1 Image

Overview

Product name	Arecoline hydrobromide, Muscarinic receptor agonist
Description	Muscarinic receptor agonist
Biological description	Muscarinic receptor agonist (EC ₅₀ values are 7 (M ₁), 95 (M ₂), 11 (M ₃), 410 (M ₄) and 69 nM (M ₅)). Natural alkaloid. Induces decreased blood-brain barrier permeability.
Purity	> 98%
CAS Number	300-08-3
Chemical structure	

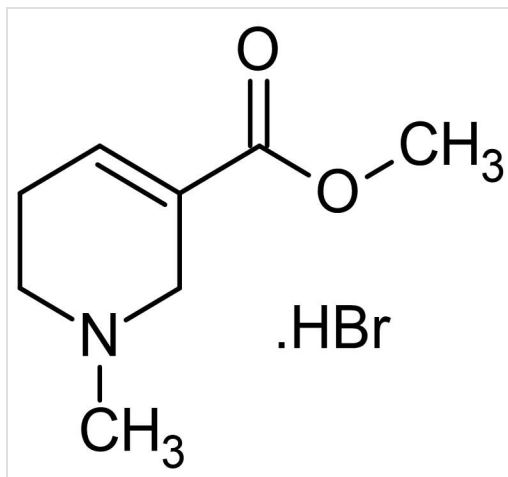
Properties

Chemical name	1,2,5,6-Tetrahydro-1-methyl-3-pyridinecarboxylic acid methyl ester hydrobromide
Molecular weight	236.11
Molecular formula	C ₈ H ₁₃ NO ₂ .HBr
PubChem identifier	9301
Storage instructions	Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO to 100 mM and in water to 100 mM
Handling	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour. Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.
SMILES	Br.CN1CC(=CCC1)C(=O)OC

Source

Synthetic

Images



Chemical Structure - Arecoline hydrobromide,
Muscarinic receptor agonist (ab141044)

2D chemical structure image of ab141044, Arecoline hydrobromide, Muscarinic receptor agonist

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

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- Response to your inquiry within 24 hours
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