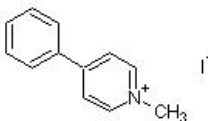


Product datasheet

N-Methyl-4-phenylpyridinium Iodide (MPP+), Dopaminergic selective neurotoxin ab144783

[3 References](#) [1 Image](#)

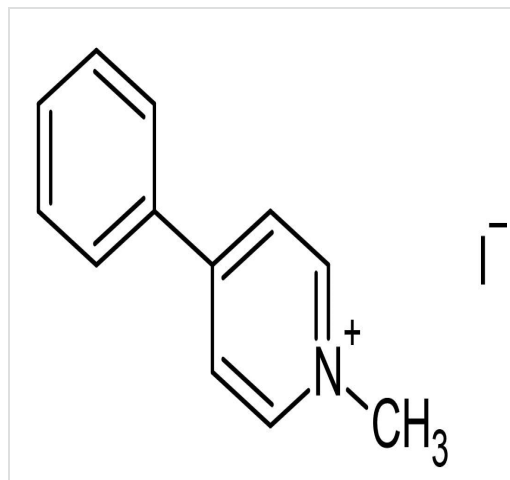
Overview

Product name	N-Methyl-4-phenylpyridinium Iodide (MPP+), Dopaminergic selective neurotoxin
Description	Dopaminergic selective neurotoxin
Biological description	Dopaminergic selective neurotoxin. Active MPTP metabolite. Interferes with oxidative phosphorylation and induces mitochondrial dysfunction. Deplete cellular ATP. Shows Parkinson effects <i>in vivo</i> .
Purity	> 98%
CAS Number	36913-39-0
Chemical structure	

Properties

Chemical name	1-Methyl-4-phenylpyridin-1-ium iodide
Molecular weight	297.13
Molecular formula	C ₁₂ H ₁₂ IN
PubChem identifier	10924457
Storage instructions	Store at -20°C. It is important to note that this product is reported to be light sensitive. Store In the Dark.
Solubility overview	Soluble in water to 100 mM
Handling	Unstable; make up solutions fresh and use immediately. Toxic, refer to SDS for further information. Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.
SMILES	<chem>C[N+]1=CC=C(C=C1)C2=CC=CC=C2.[I-]</chem>
Source	Synthetic

Images



2D chemical structure image of ab144783, N-Methyl-4-phenylpyridinium iodide (MPP+), Dopaminergic selective neurotoxin

Chemical Structure - N-Methyl-4-phenylpyridinium iodide (MPP+), Dopaminergic selective neurotoxin (ab144783)

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

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