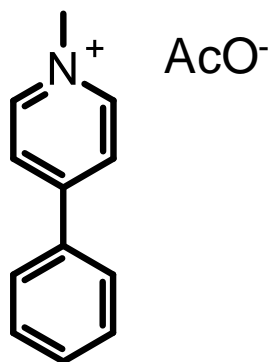


Catalog Number: **RCTT0970**



170.23 g/mol
C₁₂H₁₂N

[H-3] N-METHYL-4-PHENYLPYRIDINIUM ACETATE
[H-3]MPP (+)

CAS-Number: 39794-99-5 (Acetate)

Description: Neurotoxin and inhibitor of a complex I in mitochondria.



- Packing/Concentration:** 1.0 mCi/ml (37 MBq/ml) in ethanol. Shipped in dry ice.
- Radiochemical Purity:** The radiochemical purity after purification was determined to be > 97%.
- Specific Activity Range:** 60-87 Ci/mmol (2220-3219 GBq/mmol)
- Stability/Storage:** The initial rate of degradation of this compound, stored as received, at temperatures below -60 °C in the dark, is less than 3% for 2.5 months starting from the date of purification. The decomposition of the compound is not linear or related to isotope half-life. Deviations of different lots may occur.

Lot specific information:

Lot Number :	07701
Specific activity:	80.4 Ci/mmol 2975 GBq/mmol
Purification Date:	04.09.2023

Note: The mass spectrum is consistent with the proposed structure and a non-labeled reference; the HPLC retention time is consistent with a non-labeled reference. For research and development use only, not for use in humans. This compound could induce cancer.