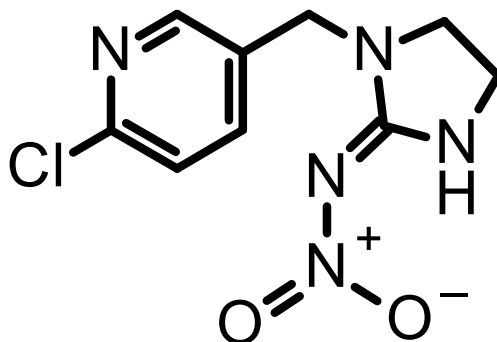


Catalog Number: **RCTT1670**



255.66 g/mol
C₉H₁₀ClN₅O₂

[H-3] Imidacloprid

CAS-Number: 138261-41-3

Description: Neonicotinoid systemic insecticide which acts on the central nervous system of insects



Packing/Concentration: 1.0 mCi/ml (37 MBq/ml) in ethanol. Shipped at room temperature.

Radiochemical Purity: The radiochemical purity after purification was determined to be >99%.

Specific Activity Range: 10-50 Ci/mmol (370-1850 GBq/mmol)

Stability/Storage: The initial rate of degradation of this compound, stored as received, at temperatures below -60 °C in the dark, is currently under investigation. 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 :	10521
Specific activity:	11.5 Ci/mmol 426 GBq/mmol
Purification Date:	12.06.2023
Day of Analysis:	12.06.2023

Note: The compound was isolated from the HPLC eluent under neutral conditions by solid phase extraction. 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. Actual position of labels not verified. For research and development use only, not for use in humans.