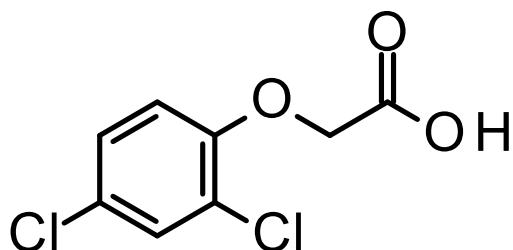


Catalog Number: **RCTT2280**



221.03 g/mol
C₈H₆Cl₂O₃

[H-3] 2,4-Dichlorophenoxyacetic acid

CAS-Number: 94-75-7

Description: Herbicide which can induce apoptosis and inhibits DNA and protein synthesis in plants, therefore preventing growth and development.



- Packing/Concentration:** 1.0 mCi/ml (37 MBq/ml) in ethanol. Shipped on dry ice.
- Radiochemical Purity:** The radiochemical purity after purification was determined to be > 97%.
- Specific Activity Range:** 10-30 Ci/mmol (370-1110 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:	11131
Specific activity:	31.2 Ci/mmol 1154 GBq/mmol
Purification Date:	24.10.2024
Day of Analysis:	24.10.2024

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.