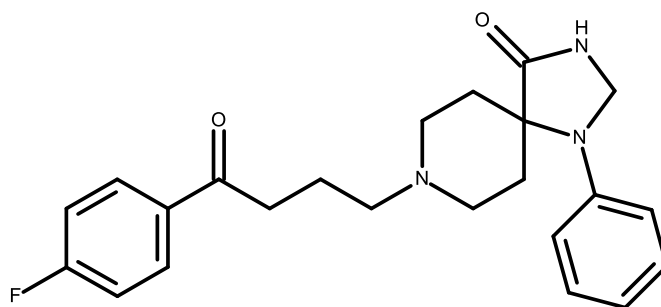


Catalog Number: **RCTT0611**

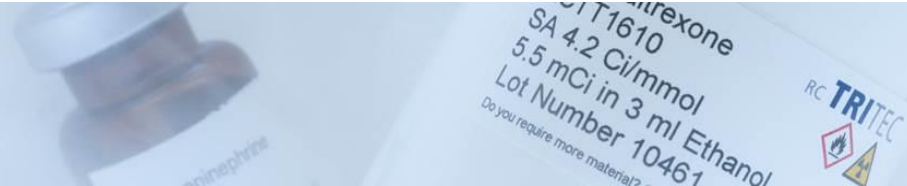


395.47 g/mol  
 $C_{23}H_{26}FN_3O_2$

## [H-3] Spiperone

CAS-Number: 749-02-0

Description: Dopamine  $D_{2/3}$  receptor, 5-HT $_{1A/2A}$  and  $\alpha$ -adrenergic receptor antagonist.



- 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 > 97%.
- Specific Activity Range:** 30-60 Ci/mmol (1110-2220 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 1% per month 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:	03705
Specific activity:	43.1 Ci/mmol 1594 GBq/mmol
Purification Date:	12.06.2024
Day of Analysis:	07.08.2024

**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.