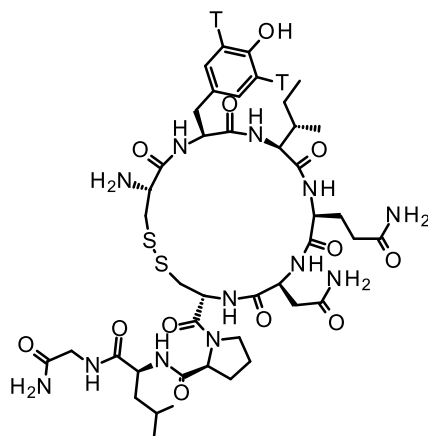


Catalog Number: **RCTT2080**



1007.19 g/mol  
 $C_{43}H_{66}N_{12}O_{12}S_2$

## [H-3] Oxytocin

**CAS-Number:** 50-56-6

**Description:** Pleiotropic and hypothalamic peptide facilitating parturition and prosocial behaviour. Can function as a stress-coping molecule.



**Packing/Concentration:** 1.0 mCi/ml (37 MBq/ml) in ethanol:water (9:1). Shipped on dry ice.

**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 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:	10931
Specific activity:	31.4 Ci/mmol 1162 GBq/mmol
Purification Date:	20.08.2024
Day of Analysis:	20.08.2024

**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.