

Catalog Number: **RCTT0871**

H-Arg-Pro-Lys-Pro-Gln-Gln-Phe-Phe-Gly-Leu-Met-NH₂

1347.63 g/mol

$C_{63}H_{98}N_{18}O_{13}S$

[H-3] Substance P

CAS-Number: 33507-63-0

Description: Neuropeptide, neurotransmitter and neuromodulator, ligand for neurokinin 1 receptor.



Packing/Concentration: 1.0 mCi/ml (37 MBq/ml) in ethanol under argon atmosphere. Shipped in dry ice.

Radiochemical Purity: The radiochemical purity after purification was determined to be >97%.

Specific Activity Range: 100-150 Ci/mmol (3700 – 5550 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 2% 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 :	07102
Specific activity:	119.0 Ci/mmol 4403 GBq/mmol
Purification Date:	15.11.2021

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.