

uPSEM792

## Chemical Properties

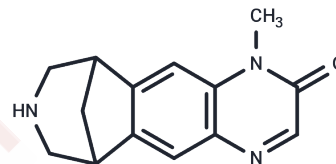
CAS No. : 2323525-19-3

Formula: C<sub>14</sub>H<sub>15</sub>N<sub>3</sub>O

Molecular Weight: 241.29

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

|                            |  |
|----------------------------|--|
| Description                | uPSEM792 is a pharmacologically selective agonist molecule (PSEM) for PSAM4-GlyR, with an affinity $K_i$ of 0.7 nM. It acts as a substrate for efflux transporters in both wild-type mice brains and in P-gp and BCRP double knockout mice. Additionally, uPSEM792 may serve as a lead compound in the development of PET radioligands for PSAM4-GlyR. |
| Targets(IC <sub>50</sub> ) | 5-HT Receptor  |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg       |
|-------|-----------|-----------|------------|
| 1 mM  | 4.1444 mL | 20.722 mL | 41.4439 mL |
| 5 mM  | 0.8289 mL | 4.1444 mL | 8.2888 mL  |
| 10 mM | 0.4144 mL | 2.0722 mL | 4.1444 mL  |
| 50 mM | 0.0829 mL | 0.4144 mL | 0.8289 mL  |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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