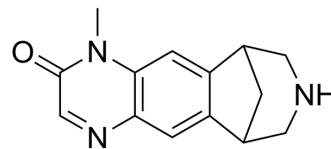


## uPSEM792

Cat. No.:	HY-161246
CAS No.:	2323525-19-3
Molecular Formula:	C <sub>14</sub> H <sub>15</sub> N <sub>3</sub> O
Molecular Weight:	241.29
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

uPSEM792 is a pharmacologically selective effector molecules (PSEM) agonist for PSAM<sup>4</sup>-GlyR, with an affinity of K<sub>i</sub> of 0.7 nM. uPSEM792 is a substrate for efflux transporters in brains of wild type and dual P-gp and BCRP knockout mice. uPSEM792 is a possible lead for developing the PET radioligand for PSAM<sup>4</sup>-GlyR<sup>[1]</sup>.

### REFERENCES

[1]. Nerella SG, et al., Synthesis and preclinical evaluation of [<sup>11</sup>C]uPSEM792 for PSAM<sup>4</sup>-GlyR based chemogenetics. Sci Rep. 2024 Jan 22;14(1):1886.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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