

## uPSEM 792 hydrochloride Biochemical

uPSEM 792 hydrochloride

CATALOG #  
**AAA227217**

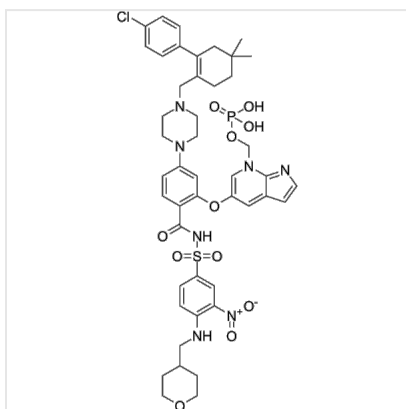
### PRODUCT SYNONYMS

uPSEM 792 hydrochloride; uPSEM 792 hydrochloride biochemical

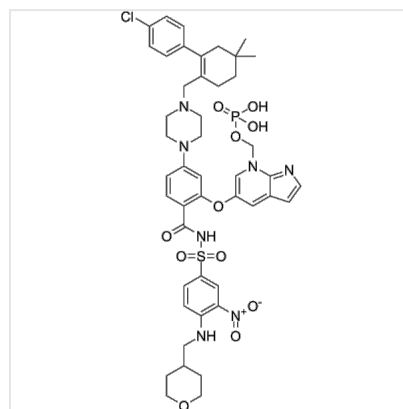
### PRODUCT SPECIFICATIONS

|                         |                                                                              |
|-------------------------|------------------------------------------------------------------------------|
| Purity/Purification     | 98%                                                                          |
| Solubility              | DMSO: Soluble<br><1mg/ml refers to the product slightly soluble or insoluble |
| Preparation and Storage | Powder: -20 degree C for 3 years<br>In solvent: -80 degree C for 2 years     |

### IMAGES



Structure  
ABBV-167, CAS 1351456-78-4



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ABBV-167, CAS 1351456-78-4

### ADDITIONAL INFORMATION

|                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|---------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for uPSEM 792 hydrochloride biochemical | Ultrapotent PSEM (uPSEM) agonist for PSAM4-GlyR and PSAM4-5HT3 (Ki = 0.7 nM for PSAM4-GlyR and <10 nM for PSAM4-5HT3). Exhibits 10,000-fold agonist selectivity for PSAM4-GlyR over alpha7-GlyR, alpha7-5HT3, and 5HT3-R, and 230-fold selectivity over alpha4beta2 nAChR. Also weak partial agonist (~10 %) at alpha4beta2 nAChR. Retains the potency of varenicline for PSAM4-GlyR with enhanced chemogenetic selectivity. Does not act as a substrate for P-glycoprotein pumps. Silences neurons in vivo. Brain-penetrant. |
| References                                                          | 1. Salem AH, et al. Expanding the Repertoire for Large Small Molecules": Prodrug ABBV-167 Efficiently Converts to Venetoclax with Reduced Food Effect in Healthy Volunteers. Mol Cancer Ther. 2021 Jun;20(6):999-1008."                                                                                                                                                                                                                                                                                                       |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.