

## Seletracetam lithium bromide Biochemical

Seletracetam lithium bromide

CATALOG #  
**AAA228048**

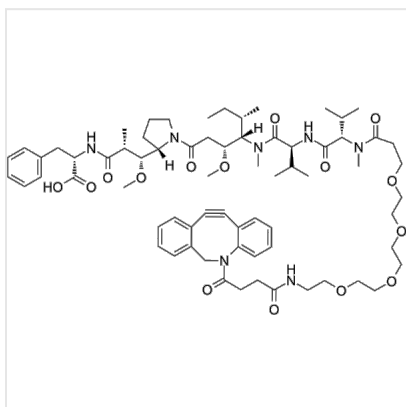
### PRODUCT SYNONYMS

Seletracetam lithium bromide; Seletracetam lithium bromide biochemical

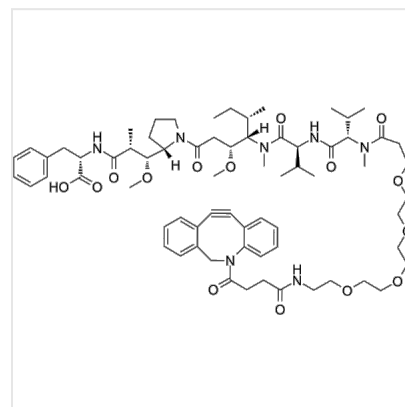
### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purity/Purification     | 98%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| CAS                     | 2024584-38-9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Solubility              | <1mg/ml refers to the product slightly soluble or insoluble                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| In vitro                | <p>Seletracetam (intraperitoneal injection) lithium bromide displays potent protection against secondary generalised motor seizures in fully corneally-kindled mice (ED 50 0.31 mg/kg). In audiogenic seizure susceptible mice, Seletracetam (i.p) protects against clonic convulsion expression with an ED 50 of 0.17 mg/kg[3]. Seletracetam (0.0074 mg/kg to 74 mg/kg; intraperitoneal injection) lithium bromide increases the generalized seizure threshold current and decreases the duration of the after-discharge and the seizure severity observed at the after-discharge threshold current, and generally has a much more potent effect than previously observed for Levetiracetam[3]. Animal Model: Female Wistar rats (200-220 g)(Amygdala-kindled rats)[3]. Dosage: 0.0074, 7.4, 74 mg/kg. Administration: intraperitoneal injection; 60 min before seizure threshold determination. Result: Markedly increased the generalized seizure threshold at all doses tested, with increases of 190% (0.0074 mg/kg), 302% (0.074 mg/kg), 429% (0.74 mg/kg), 433% (7.4 mg/kg) and 679% (74 mg/kg).</p> |
| Preparation and Storage | <p>Powder: -20 degree C for 3 years<br/>In solvent: -80 degree C for 2 years</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

### IMAGES



Structure  
DBCO-PEG4-MMAF, CAS 2360411-65-8



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### ADDITIONAL INFORMATION

#### Related Product Information for Seletracetam lithium bromide biochemical

Seletracetam (Ucb 44212) lithium bromide, an analog of the antiepileptic agent Levetiracetam, is a SV2A modulator for the research of epilepsy.

**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.

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Online datasheet: <https://stage.aaabiotech.com/biochemical/seletracetam-lithium-bromide/228048>