

Seletracetam lithium bromide Biochemical

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CATALOG #
AAA228048

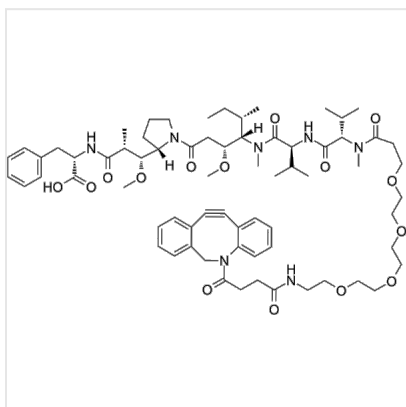
PRODUCT SYNONYMS

Seletracetam lithium bromide; Seletracetam lithium bromide biochemical

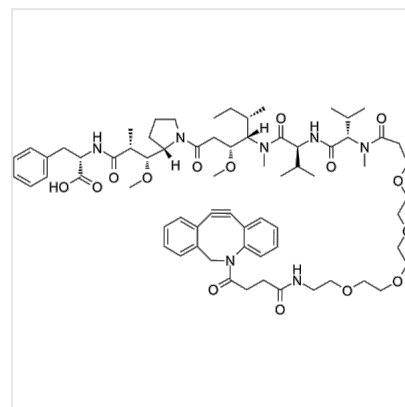
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	2024584-38-9
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	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).
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



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



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

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://www.aaabiotech.com/biochemical/seletracetam-lithium-bromide/228048>