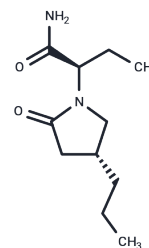


**( $\alpha$ R,4R)-Brivaracetam****Chemical Properties**

CAS No. :	357337-00-9
Formula:	C <sub>11</sub> H <sub>20</sub> N <sub>2</sub> O <sub>2</sub>
Molecular Weight:	212.29
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	Brivaracetam ( $\alpha$ R,4R) is a third-generation antiepileptic drug and anticonvulsant compound frequently used in combination with other antiepileptic compounds for the treatment of partial-onset seizures. It acts as a high-affinity ligand for synaptic vesicle protein 2A, reducing neurotransmitter release by binding to synaptic vesicle glycoprotein SV2A. Brivaracetam ( $\alpha$ R,4R) is primarily metabolized into inactive metabolites through hydrolysis by amidase.
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**Preparing Stock Solutions**

	1mg	5mg	10mg
1 mM	4.7105 mL	23.5527 mL	47.1054 mL
5 mM	0.9421 mL	4.7105 mL	9.4211 mL
10 mM	0.4711 mL	2.3553 mL	4.7105 mL
50 mM	0.0942 mL	0.4711 mL	0.9421 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.

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