

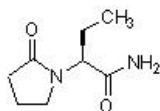
Product datasheet

Levetiracetam, Anti-epileptic; binds to SV2A protein  
ab141302

Overview

<b>Product name</b>	Levetiracetam, Anti-epileptic; binds to SV2A protein
<b>Description</b>	Potent anti-epileptic; binds to SV2A
<b>Biological description</b>	Distinct pharmacological profile <i>in vivo</i> ; potent anti-epileptic in chronic seizure models, lacks activity in acute seizure models. Binds to synaptic vesicle protein (SV2A) in the brain.  Also available in simple stock solutions ( <a href="#">ab146733</a> ) - add 1 ml of water to get an exact, ready-to-use concentration.
<b>Purity</b>	> 99%
<b>CAS Number</b>	102767-28-2

Chemical structure



Properties

<b>Chemical name</b>	( $\alpha$ S)- $\alpha$ -Ethyl-2-oxo-1-pyrrolidineacetamide
<b>Molecular weight</b>	170.21
<b>Molecular formula</b>	C <sub>8</sub> H <sub>14</sub> N <sub>2</sub> O <sub>2</sub>
<b>PubChem identifier</b>	5284583
<b>Storage instructions</b>	Store at Room Temperature. The product can be stored for up to 12 months.
<b>Solubility overview</b>	Soluble in DMSO to 100 mM and in water to 100 mM
<b>Handling</b>	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.  Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.
<b>SMILES</b>	O=C1CCCN1[C@@H](CC)C(N)=O
<b>Source</b>	Synthetic

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

### **Our Abpromise to you: Quality guaranteed and expert technical support**

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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours
  
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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