

## Gabapentin, Neuropathic pain drug

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Catalog	Unit
TBI2042-25MG	25 mg
TBI2042-100MG	100 mg

### Product Details

**Formal Name:** 1-(Aminomethyl)cyclohexane

**Alternate Names:** Neurontin

**Molecular Formula:** C<sub>9</sub>H<sub>17</sub>NO<sub>2</sub>

**Formula Weight:** 171.24

**CAS Number:** 60142-96-3

**Purity:** >98%

**Formulation:** powder

**Solubility:** Soluble in Water (up to 10 mg/ml).

**Storage:** -20°C

**Stability:** ≥ 1 year.



### Applications

Neuropathic pain drug

### Functions

Gabapentin is an approved drug for treatment of various types of neuropathic pain and some forms of epilepsy. The mechanism of action of gabapentin is not well understood. Despite being a structural mimic of GABA, it does not bind to GABA receptors at concentrations up to 1 mM. Some of its actions may be due to disrupting calcium channels.

### Application Procedures

First dissolved in Water (up to 10 mg/ml), then diluted to aqueous buffer. Solutions in distilled water may be stored at -20° for up to 3 months.

**For research use only.**