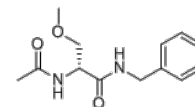


**Product Name** : Lacosamide  
**Cat. No.** : PC-61336  
**CAS No.** : 175481-36-4  
**Molecular Formula** : C<sub>13</sub>H<sub>18</sub>N<sub>2</sub>O<sub>3</sub>  
**Molecular Weight** : 250.294  
**Target** : Sodium Channel  
**Solubility** : 10 mM in DMSO



## Biological Activity

Lacosamide (SPM 927) is an anticonvulsant compound that enhances the slow inactivation of voltage-gated **sodium channels** without affecting the fast inactivation of voltage-gated sodium channels.

Lacosamide is launched for the adjunctive treatment of partial-onset seizures and diabetic neuropathic pain.

## References

Hao JX, et al. Eur J Pharmacol. 2006 Dec 28;553(1-3):135-40.

Lees G, et al. Neuropharmacology. 2006 Jan;50(1):98-110.

Duncan GE, et al. Epilepsy Res. 2005 Oct-Nov;67(1-2):81-7.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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