

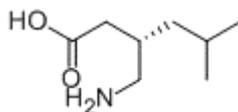
## Certificate Of Authenticity

**COA Number :** 20170805    **COA Date:** 20170805    **Validity:** 180 days

### Pregabalin Basic information

Antiepileptic drus and therapeutic drugs for neuropathic pain Uses

Product Name:	Pregabalin
Synonyms:	3(S)-(AMINOMETHYL)-5-METHYLHEXANOIC ACID;(3S)-3-(AMINOMETHYL)-5-METHYLHEXANOIC ACID;PREGABALIN;Pregablin;3-(Aminomethyl)-5-methyl-hexanoic acid;PREDNISOLONESODIUMPHOSPHATE;(R)-Pregabalin;(S)-Pregabalin
CAS:	<b>148553-50-8</b>
MF:	C8H17NO2
MW:	159.23
EINECS:	200-659-6
Product Categories:	APIs;Miscellaneous Biochemicals;Intermediates & Fine Chemicals;Neurochemicals;Pharmaceuticals;API;Pfizer compounds;LYRICA
Mol File:	148553-50-8.mol



### Pregabalin Chemical Properties

Melting point	194-196°C
Fp	9°C
storage temp.	Store at RT
solubility	deionized water: ≥10mg/mL
CAS DataBase Reference	148553-50-8(CAS DataBase Reference)

### Safety Information

Hazard Codes	Xn,T,F
Risk Statements	63-48/22-39/23/24/25-23/24/25-11
Safety Statements	22-36/37-45-16-7

**LingLan Biopharmaceutical Co.,Ltd**  
**ADD: Beijing city,ChaoYang district,JingTai Mansion 2-019**

RIDADR	UN1230 - class 3 - PG 2 - Methanol, solution
Hazardous Substances Data	148553-50-8(Hazardous Substances Data)

**Pregabalin Usage And Synthesis**

Antiepileptic drugs and therapeutic drugs for neuropathic pain	<p>Pregabalin is a new antiepileptic drug, having a <math>\gamma</math>-amino butyric acid structure on its molecular structure, which has anticonvulsant effects, and is successfully developed by the company Pfizer for the treatment of peripheral neuropathic pain, or adjuvant treatment of partial seizures.</p> <p>In December 2008, the US Food and Drug Administration (FDA) approved pregabalin (trade name "Lyrica") for the treatment of diabetic peripheral neuropathic pain (DPN) and postherpetic neuralgia (PHN) which are Both the most common neuropathic pains.</p> <p>Neuropathic pain is one of the most difficult chronic pain syndromes to treat, dull pain, burning, tingling as the main feature, there are a lot of incentives of neuralgia, diabetes, infections (such as herpes zoster), cancer and AIDS, etc. can cause neurological pain, in Europe about 3% of the population suffer from neuralgia torture. The above information is edited by the chemicalbook of Tian Ye.</p>
Uses	new antiepileptic drugs
Chemical Properties	Off-White Solid
Uses	S-Enantiomer of Pregabalin. A GABA analogue used as an anticonvulsant. Anxiolytic analgesic used to treat peripheral neuropathic pain and fibromyalgia.
Uses	Pregabalin is an anticonvulsant drug used for neuropathic pain, as an adjunct therapy for partial seizures, and in generalized anxiety disorder. It was designed as a more potent successor to gabapentin. Pregabalin is marketed by Pfizer under the trade name

**Pregabalin Certificate Of Authenticity**

Items	Limits
Purity	99.5%-100.5
Moisture	0.01%
Shelf life	5 Years
ASH	0.1
Appearance	Off-White Solid
PB	10 PPM

*Issued :*

*Date:*

