



# Lamotrigine Standard solution (DWT28)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

**Product Overview** 1.0 mg/mL analytical Lamotrigine Standard

**Conjugate** N/A

**Cas.No** 84057-84-1

**Molecular Weight** 256.09g/mol

**Format** Liquid

**Concentration** 1.0 mg/mL

**Size** 1 ml

**Buffer** Methanol

**Storage** Store unopened in freezer(-10°C to 25°C)

## BACKGROUND

### Introduction

Lamotrigine is an antiepileptic drug belonging in the phenyltriazine class used in the treatment of epilepsy and bipolar disorder. For epilepsy it is used to treat partial seizures, primary and secondary tonic-clonic seizures, and seizures associated with Lennox-Gastaut syndrome. Lamotrigine also acts as a mood stabilizer. Chemically unrelated to other anticonvulsants, lamotrigine has relatively few side-effects and does not require blood monitoring. While lamotrigine is primarily indicated for epilepsy and bipolar disorders, there is evidence that it could have some clinical efficacy in some neuropathic pain states.

### Keywords

3,5-diamino-6-(2,3-dichlorophenyl)-1,2,4-triazine; Lamotrigine