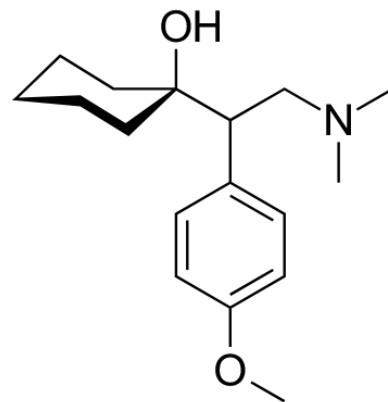


Application Note: Venlafaxine Hydrochloride

Venlafaxine is an antidepressant which belongs to a group of medicines called serotonin and norepinephrine reuptake inhibitors (SNRIs). This group of medicines is used to treat depression and other conditions such as anxiety. It is thought that people who are depressed and/or anxious have lower levels of serotonin and noradrenaline in the brain and venlafaxine should improve your mood and energy level and may help restore your interest in daily living.



Venlafaxine is on the World Health Organization's (WHO) list of essential medicines, which serves as a model of the safest and most effective medications needed by a health system.

This application shows the use of a Horizon C8 column in accordance with the official venlafaxine hydrochloride USP monograph

Column: Horizon C8 5 μ 250x4.6mm

Mobile Phase: 70:30

A: Potassium phosphate
monobasic, pH 3.0

B: Acetonitrile

Flow rate: 1.5 ml/min

Wavelength: 225nm

Temperature: 30°C

