

**Product Name** : Vilazodone

**Synonyms** : —

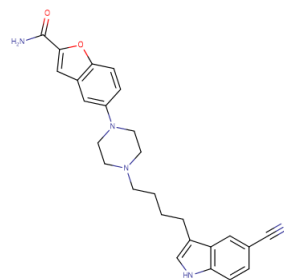
**Cat No.** : M12464

**CAS Number** : 163521-12-8

**Molecular Formula** : C<sub>26</sub>H<sub>27</sub>N<sub>5</sub>O<sub>2</sub>·HCl

**Formula Weight** : 441.53

**Chemical Name** : —



**Description** : Vilazodone is a novel compound with combined high affinity and selectivity for the 5-hydroxytryptamine (5-HT) transporter and 5-HT(1A) receptors. It has been shown to be equally efficacious as other antidepressants with similar gastrointestinal side effects and possibly with reduced sexual side effects and weight gain. Vilazodone is an antidepressant agent that can be used as an alternative for patients who cannot tolerate therapy with other antidepressant classes such as selective serotonin reuptake inhibitors or serotonin norepinephrine reuptake inhibitors.

**Pathway** : Endocrinology/Hormones

**Target** : 5-HT Receptor

**Receptor** : 5-HT; Sert (Sodium-dependent)

**Solubility** : DMSO: 10 mM

**SMILES** : NC(=O)C1=CC=C(C(=C1)C=CC(=C2)N1CCN(CCCCC2=CNC3=C2C=C(C=C3)C#N)CC1

**Storage** : (-20°C)

**Stability** : ≥ 2 years

**Reference** :

1. Page ME, et al. J Pharmacol Exp Ther. 2002 Sep;302(3):1220-7.