

# Tradipitant

## Catalog No: tcsc8056



### Available Sizes

**Size:** 1mg

**Size:** 5mg

**Size:** 10mg

**Size:** 50mg

**Size:** 100mg



### Specifications

**CAS No:**

622370-35-8

**Formula:**

$C_{28}H_{16}ClF_6N_5O$

**Pathway:**

Neuronal Signaling;GPCR/G Protein

**Target:**

Neurokinin Receptor;Neurokinin Receptor

**Purity / Grade:**

>98%

**Solubility:**

10 mM in DMSO

**Alternative Names:**

VLY-686;LY686017

**Observed Molecular Weight:**

587.9

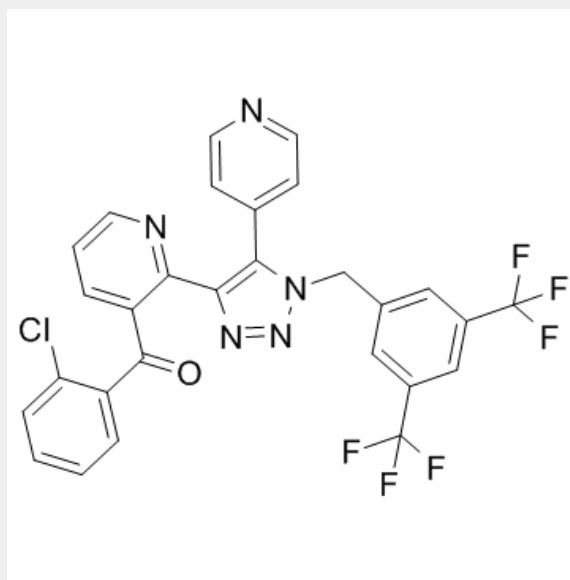
**Product Description**

Tradipitant is a **neurokinin-1 (NK-1)** antagonist.

IC50 & Target: NK-1<sup>[1]</sup>

**In Vitro:** Results reveal that Tradipitant ([<sup>3</sup>H]-LY686017) bind to sections of guinea pig brain with a distribution similar to that previously reported for NK-1 receptors. Areas with the highest density are the accessory olfactory nucleus, anteroventral thalamic nucleus, paraventricular hypothalamic nucleus central amygdaloid nucleus (lateral) and the medial amygdaloid nucleus (anterodorsal)<sup>[1]</sup>.

**In Vivo:** Autoradiography experiments reveal that intravenously administered Tradipitant ([<sup>3</sup>H]-LY686017) localizes in the guinea pig brain and has a distribution similar to that described for the NK-1 receptor using agonist or antagonist radioligands<sup>[1]</sup>.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!