

## Tigecycline

Cat. No. CEI-1159

Lot. No. (See product label)

### Introduction

**Description** Tigecycline is a glycylcycline antibiotic. It was developed in response to the growing prevalence of antibiotic resistance in bacteria such as *Staphylococcus aureus* and *acinetobacter baumannii*.

### Product Information

**CAS No.** 220620-09-7

**Molecular Formula** C<sub>29</sub>H<sub>39</sub>N<sub>5</sub>O<sub>8</sub>

**Chemical Name** (4S,4aS,5aR,12aS)-9-(2-(tert-butylamino)acetamido)-4,7-bis(dimethylamino)-3,10,12,12a-tetrahydroxy-1,11-dioxo-1,4,4a,5,5a,6,11,12a-octahydrotetracene-2-carboxamide

**Molecular Weight** 585.65

**Purity** > 95%

**Targets** antibiotics

### Storage and Shipping Information

**Storage** 4 centigrade