

# Rimeporide

**Catalog No: tcsc0015014**



## Available Sizes

**Size:** 1mg

**Size:** 5mg



## Specifications

**CAS No:**

187870-78-6

**Formula:**

$C_{11}H_{15}N_3O_5S_2$

**Pathway:**

Membrane Transporter/Ion Channel

**Target:**

Sodium Channel

**Purity / Grade:**

>98%

**Solubility:**

DMSO : 20 mg/mL (59.99 mM; Need ultrasonic and warming)

**Alternative Names:**

EMD-87580

**Observed Molecular Weight:**

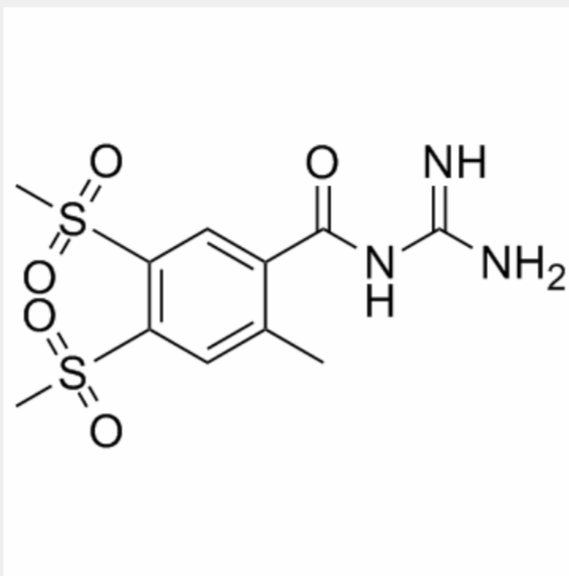
333.38

## Product Description

Rimeporide is a potent and selective inhibitor of the **Na<sup>+</sup>/H<sup>+</sup>** exchanger (NHE-1).

IC50 & Target: NHE1<sup>[1]</sup>

**In Vitro:** Blocking NHE-1 activity has been shown to decrease intracellular Na<sup>+</sup> and Ca<sup>2+</sup> overload and pH and Rimeporide represents a new therapeutic option for duchenne muscular dystrophy (DMD). Rimeporide is expected to act as a muscle-sparing agent and its mode of action means that it is mutation independent<sup>[1]</sup>.



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